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ALL-AMERICA

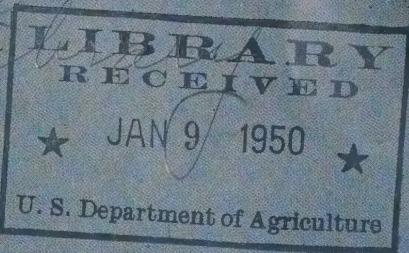


Petunia
Fire Chief

SEE NOVELTIES-PAGE 3

1950

AMERICAN BULB COMPANY
CHICAGO • NEW YORK



Two Outstanding Strains for Cutting

REGAL LARKSPUR

At last this outstanding florist Larkspur is available in four important colors: Pink, Rose, Dark Blue and White.

Huge double Delphinium-like florets evenly spaced on tremendously long full spikes together with more height, more vigor and more resistance to shattering distinguish this new strain from all others.

These distinct features have been combined by Bodger with the base branching habit and the earliness of the Giant Imperials to give you more profitable cutting spikes of this important crop.

Be sure to include this superior Larkspur in your order.

Regal Dark Blue
Regal Pink

Regal Rose
Regal White

Regal Mixed

Tr. Pkt.....	50c	1/2 oz.....	\$1.50
1 oz... \$2.70		4 oz... \$9.00	
		1 lb.... \$27.00	

For other fine Larkspur see page 19



PRINCESS ASTER

With the introduction this year of three new varieties by Bodger, Elizabeth, Margaret and Susan, a wide range of color is now available in this popular type.

The 3" cushion type flowers produced on long wiry stems are good shippers and remain fully double when many other types show open centers. All are highly wilt resistant. Plants are of tall and branching habit coming into bloom in late August.

The Princess Asters have become very popular in the wholesale cut flower market and will be in greater demand now that a wide range of colors is available. 2 to 2 1/2 ft.

Princess Elizabeth is the long-awaited pure white. A definite necessity for the commercial grower.

Princess Margaret is a true rose without a salmon undertone.

Princess Susan is clear true deep blue without dark undertone. An entirely new color.

Tr. Pkt.....	40c	1/4 oz.....	\$1.00	Oz.....	\$3.00
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Princess Anne—Peach blossom

Princess Bonnie—Soft salmon pink

Golden Sheaf—A yellow self

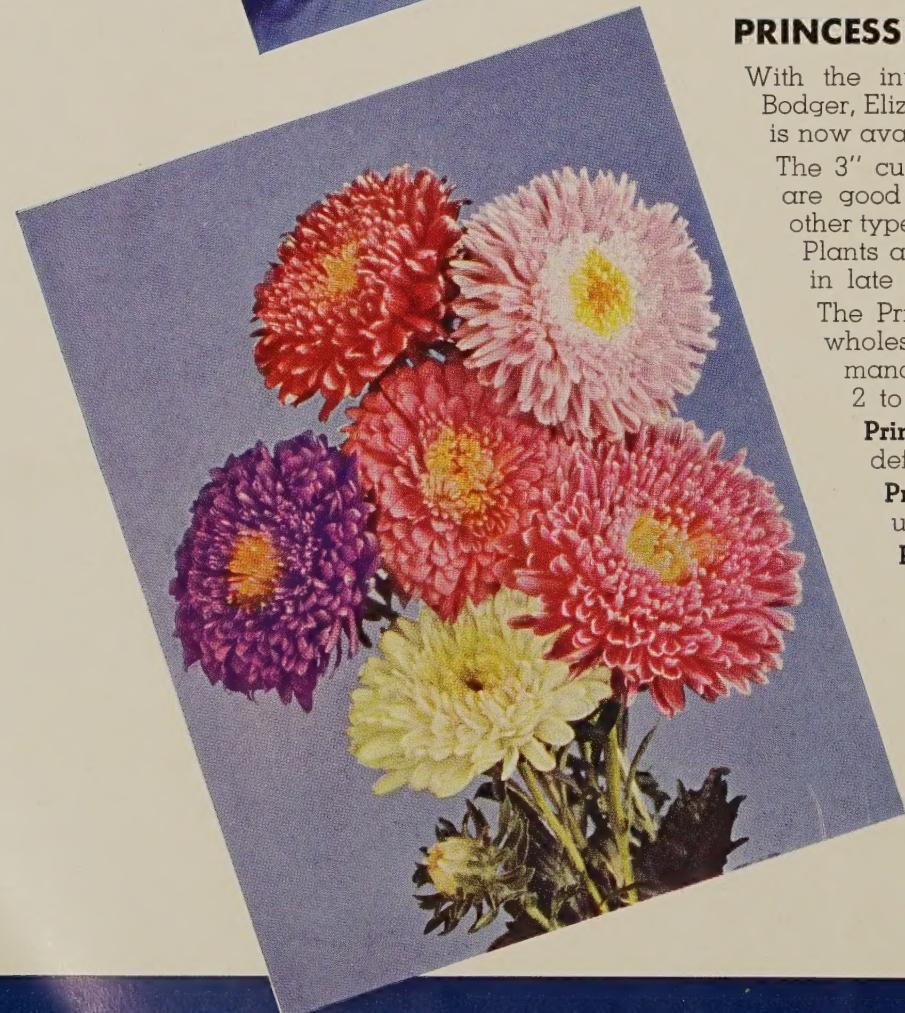
Princess Linda—Clear light rose

Princess Marsha—Cinnamon scarlet

Princess types mixed.

Tr. Pkt.....	35c	1/4 oz.....	80c	Oz.....	\$2.85
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For other fine Asters see pages 8 and 9



AMERICAN BULB COMPANY

Importers and Growers

WHOLESALE PRICE LIST

Spring Edition 1950

This book is a combined catalog of seeds, bulbs, plants (Pages 1 to 56) and the A.F.S. Bluebook of florist and horticultural supplies (Pages 58 to 99). Consult special index pages 2 and 98-99 for specific items.

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TERMS OF BUSINESS

Routing: Please give explicit shipping directions with each order, giving name of Freight, Express and Post Office stations. If no directions are given we will use our best judgment, but all goods travel at purchaser's risk.

Parcel Post: We will be pleased to send such items as can be mailed by Parcel Post; customers to remit for postage. We do not deliver goods free at Wholesale Prices, except flower seeds. Flower seeds will be sent prepaid by parcel post within the continental limits of the United States.

Disclaimer: The American Bulb Company and the American Florist Supply Company give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds (bulbs or plants) or florist supplies it sells and will not be responsible for the crop.

If the customer does not accept the goods on above terms he must return them at once, and money will be refunded or proper credit given. We exercise, however, the greatest care to fill our orders with the highest quality possible, as it is our constant aim to give our customers fullest satisfaction.

Cash Discounts: Cash with order only. 3% on Bulbs; 2% on Plants

or Florist Supplies. Flower seeds; 5% on orders totaling less than \$25.00; 8% on orders over \$25.00. 5% on Vegetable seeds. Prices on Cyclamen and Lawn seeds are NET.

Otherwise, on bills for Flowers and Vegetable Seeds, Bulbs Plants, and Florist Supplies, a discount of 2% for payment 10 days from date of bill may be deducted. Exception to the above is taken when goods are supplied under special quotation, in which case particular terms will be noted.

Prices: This list cancels all previous offers.

Unknown correspondents desiring to open an account will please furnish three references to parties in the trade with whom they have had credit relations, and sufficient time to investigate same; otherwise cash must accompany order.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance. We cannot arrange to send perishable stock C. O. D.

All goods are offered subject to crop failures, shortages or other causes beyond our control and to being unsold on receipt of order, and we reserve the right to advance prices without notice.

CHICAGO 7
1335 WEST RANDOLPH STREET
Telephone HAYmarket 1-6774
CABLE—BULBS CHICAGO

NEW YORK 1
31 WEST 27TH STREET
Telephone MURray Hill 4-7256
CABLE—BULBS NEW YORK

AMERICAN FLORIST SUPPLY CO.

Importers and Distributors

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Please Note . . .

1. All orders for flower seeds will be sent by prepaid parcel post.
2. Take advantage of our liberal cash discount on flower seeds—5% on orders totaling less than \$25; 8% on orders over \$25.
3. We will be glad to quote on larger quantities of seed than those listed.

A. B. C. Leaders for 1950

PETUNIA FIRE CHIEF—OUR FRONT COVER SUBJECT (BODGER)

Striking, isn't it? The All American Selection judges thought so, too, and awarded Fire Chief more points than any selection has been given in the history of these trials, and the first A.A.S. Gold Medal in eleven years.

This outstanding color, described as firecracker red by Bodger, is a real plant breeding achievement. In addition, flowers of velvety texture are 2½ to 3 inches across with color deepening toward the throat. Plants are dwarf and compact, about 12 to 15 inches high. Easily grown, Fire Chief will yield a wealth of blooms through the driest, hottest weather.

Publicity will be concentrated on Fire Chief, the one winner for 1950, through newspaper, magazine and radio garden editors. Everyone will be asking for it. Profit from this publicity by offering plants in flats or bands for spring planting. We have made special arrangements so that we can supply you with all the seed you want.

Tr. Pt.	50c	1/32 oz.	\$1.25	1/16 oz.	\$2.25	1/8 oz.	\$4.00
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ERIKSSON'S PRIMULA MALACOIDES

We're proud to be the national distributors of seed produced by Mr. Eriksson from carefully selected plants. Eriksson's primulas make excellent pot plants for St. Valentine's Day and other spring occasions. They are also valuable for spring combinations. For best results, buy originator's packets of this famous strain.

For more detailed description see page 28.

Glory of Riverside Imp. True rose-pink.

New Giant. Rose-pink, heavy stems and large flowers. Late.

White Giant. Large flowered white.

Lilac Beauty. Pure soft lilac.

Peach Blossom.

Mrs. Eriksson of Riverside. Glowing rose-red. Supply very limited until June.

Pure White Imp. Small flowered.

Lavender New Baby Imp. Beautiful shades of lavender.

Red New Baby Improved. Glowing red.

Finest mixed. A well balanced blend of colors.

Originator's Packets for immediate delivery	\$1.25
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For June Delivery only in originator's packets.	
1/64 oz.	\$4.00
1/32 oz.	\$7.50

HYBRID PETUNIAS (WEDDLE)

Three years of greenhouse and pot trials have proven the value of this new class of Petunias. They are definitely more vigorous than their inbred relatives and yet are dwarf and compact.

BOLERO

Bright rose deeply fringed flowers. Plants are of extra dwarf, very uniform habit. Very vigorous and more free flowering than the standard dwarf fringed varieties. Showy in pots or beds.

TANGO →

Scarlet red in the bud opening to deep salmon-red. Very dwarf, compact plants of strong growth and very free blooming. A new color in petunias, which is brighter and has larger flowers than Carmencita. Like Bolero, it is excellent for pot plants and bedding.

½ Tr. Pkt.	\$1.50	Tr. Pkt.	\$2.50	1/28 oz.	\$4.75
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Worthwhile Novelties

FORCING SNAPS

CHARM

(HODALY)

A rich, lively rose with excellent placement of the florets and a full flower stem. An early July sowing will bloom, under average conditions by January 20.

Tr. Pkt. \$2.50

GOLDRUSH

(WINKLER)

An outstanding yellow hybrid which is large flowered, deep golden yellow, uniform, vigorous and free flowering. The many growers who have tried this fine hybrid for us are very enthusiastic about it.

Tr. Pkt. \$3.00

TOMMY ARMSTRONG

(ARMSTRONG)

A beautiful new white with good strong spikes of closely set flowers. Flowers in late January from July sowing. Later sowings can be flowered nicely for Mother's Day.

Tr. Pkt. \$3.00

MARIGOLDS

COLORADO SUNSHINE

(WEDDLE)

Large luminous golden yellow flowers composed of ruffled, wavy petals. Stems are long and strong. A September sowing will bloom in December when grown cool, 4" x 6" in shallow benches and disbudded to single stems. A January sowing allowed to come naturally spaced 12" x 12" will make Memorial Day. Also, excellent grown outdoors for summer cutting.

Tr. Pkt. 50c $\frac{1}{4}$ oz. \$1.25
Oz. \$4.00

FIREFLY

(MacDONALD)

Featured by us last year and still outstanding. This tall African Marigold is large flowered (4 to 5 inches) with deeply laciniated incurved petals. Color is a deep glowing orange. Plants average 26 inches high with flowers standing well above the foliage. Especially suited for cutting.

Tr. Pkt. 50c $\frac{1}{4}$ oz. \$1.25
Oz. \$4.00



CINERARIA

SITER'S HYBRIDS

A distinct improvement over the original Siter's Strain. This is an entirely new group of Cineraria hybrids, blending for a perfect color combination from the bright-eye types through the finer pastel shades. Large flower heads are composed of medium large florets.

Seed for 1000 plants \$10.00
Seed for 500 plants 5.00



ASTER SUPER GIANT SANTA MARIA

(MacDONALD)

Featured by us last year and very outstanding. This is the largest pure white Aster on the market today. Flowers average over 5 inches in diameter and have long lacy white petals. The mammoth blooms are carried on strong 2 1/2 foot stems. Habit is base branching. A medium early flowering variety. They ship well when cut as the buds are opening.

Tr. Pkt. 35c $\frac{1}{4}$ oz. 85c
Oz. \$3.00



Annuals

FOR THE GREENHOUSE AND FOR OUTDOOR CULTURE

ACROCLINIUM (Everlasting)

Sensation Giants Double. Rose to light pink shades. One of the finest strains with large flowers and longer stems. Excellent cut flowers. Cut before flowers are fully opened and dried, they are fine for winter bouquets.

Tr. Pkt. 10c 1/4 oz. 25c Oz. 80c 4 oz. \$2.75

AGATHEA

Coelestis (Blue Daisy). Sky blue. Free flowering. Fine for cutting. 30 in. Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.75

AGERATUM

Blue Perfection. Dark blue bedder. 8 in. (1/4 oz., 45c) 25c \$1.55

Blue Bedder. Flowers lavender-blue, borne on uniformly compact plants. 4 in. (1/4 oz., \$1.55) 40c 4.65

Blue Ball Improved. Dark Blue. Compact, ball-shaped plants. 6 in. (1/4 oz., \$1.00) 35c 3.50

Blue Cap. Light blue flowers. Dwarf, compact. 4 in. (1/4 oz., \$1.00) 35c 3.50

Fairy Pink. A dwarf, compact Ageratum of delightful soft salmon rose. 10 inches. (1/4 oz., \$1.60) 50c 5.00

Midget Blue. Very low, compact plants covered with small true azure blue flowers. 3 to 4 in. (1/4 oz., \$1.65) 35c 5.75

ALYSSUM

	Tr. Pkt.	Oz.
Carpet of Snow (Snow Cloth). Spreading to dense plants covered with masses of white flowers 3 to 4 inches. (1/4 lb., \$2.50)	15c	80c

A. B. C. Special "Little Gem." White. 4 to 6 inches. (1/4 lb., \$3.00)	15c	\$1.00
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Lilac Queen. Pale lilac flowers, color deepens as weather becomes cool. 9 in. (1/4 lb., \$2.35)	15c	80c
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Little Dorrit. (A.B.C. special strain.) White. Forms perfect bush about 4 inches high. (1/4 lb., \$2.25)	15c	75c
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Violet Queen. Dwarf compact habit, free flowering with sweet scented flowers. Rich violet color. (1/4 lb., \$4.50)	25c	1.25
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Maritimum (Sweet Alyssum). White. Used for cut flowers. 10 in. (1/4 lb., \$1.35)	10c	40c
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AMARANTHUS

Molten Fire. Brilliant poinsettia-like tips. 4 ft. (1/4 oz., 40c)	15c	\$1.25
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Salicifolius (Fountain Plant). Dark red with bronze, tops blood red. 3 ft. (1/4 oz., 40c)	15c	1.25
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AMARYLLIS

Diener' Mammoth Hybrids. Growers should find much of interest in Amaryllis culture from seed and we believe a most favorable surprise from the above named strain is in store for the producer when flowering period arrives. (Seed supplied in Diener's original packets.)

20 seeds.	50c	100 seeds.	\$1.75
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ANCHUSA

Capensis Blue Bird. Indigo blue. 2 ft. Tr. Pkt. 15c	Oz. 80c
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Snapdragons

FOR GREENHOUSE FORCING PRODUCED BY SPECIALISTS



Profitable crops of quality Saps are more easily obtained from the Hybrids, and the newer improved varieties.

We try to list the best varieties in use throughout the country. If we have omitted some which suit your particular conditions, include them in your order and we will get them for you if they are available.

HYBRID VARIETIES

The increased vigor and uniformity of growth plus the unusually long, well formed spikes of large florets, make the Hybrids outstanding. They are early and come back for a second and third crop. More colors will soon be available in the Hybrid class.

PINK AND ROSE

	Tr. Pkt.
Better Times (Windmiller).	Bright rose-pink.....
Christina (Yoder).	Light pink.....
Christmas Cheer (Windmiller).	Bright rose-pink.....
Dorcas Jane (Burkey).	Early, brilliant rose-pink.....
Mary Ellen (Yoder).	Popular light clear pink. Long stems and spikes. Not available until June.....
Maryland Pink (Winkler).	Early, light pink.....

YELLOW

	Tr. Pkt.
Gold Mine (Weddle).	Deep golden-yellow.....
Goldrush (Winkler).	Golden-yellow.....

WHITE

	Tr. Pkt.
Snow Hybrid (Weddle).	Fringed pure white. Midseason to late depending on climate.....

STANDARD SELF-POLLINATED VARIETIES

✓ We have checked the standard varieties in greatest demand as a guide for those who are in doubt as to which varieties to grow.

PINK AND ROSE

Tr. Pkt.

CHARM (Hodaly).	New. Rich deep rose. Very large florets. Breaks low.....	\$2.50
Cheviot Maid Reselected.	Deep rose-pink.....	1.00
Daybreak.	Light pink, ruffled petals, long stems.....	1.00
✓ Delworth's Supreme.	Uniform, early deep rose-pink.....	1.00
Gilbert's Pink Supreme.	Deep pink.....	1.50
Jersey Maid.	True medium pink, lighter throat.....	2.00
New Cincinnati.	Light rose.....	1.00
✓ Peggy Schumann.	Medium deep pink, early winter bloomer....	2.00
Rockwood's Pink Supreme.	A brilliant rose-pink. Best from March to early June.....	2.00
Rose Queen.	A fine deep rose.....	1.00
St. Louis Pink (Rowe).	An exceptional light pink. Fine long spikes.	1.50

WHITE

Tr. Pkt.

Feist's White (West Hills).	White with yellow lip. Early.....	\$2.00
✓ Junglewood White.	Dazzling white, long stemmed.....	2.00
Koester's White.	Very early ruffled white.....	1.50
Lucky Strike Improved.	Early white, does not shatter.....	1.50
✓ Margaret (Yoder).	Clean-growing ivory-white. Very popular.....	2.00
Marion (Schumann).	A fine white. Spring flowering.....	1.50
ROCKWOOD'S CRYSTAL WHITE.	New. Pure white. Stems medium to tall. Recommended for late spring and summer, only.	3.00
Schlegel's White.	Early, vigorous white.....	1.50
TOMMY ARMSTRONG.	New. Excellent pure white with long stems and spikes.....	3.00
Westover's Fringed White.	White with cream lip.....	1.00
✓ White Wonder Improved (Bezdek).	Fine early white. Flowers from late December to early January.....	1.50

MIXTURE

A.B.C. Forcing Mixed. A special mixture of all varieties..... 75c

BRONZE

Tr. Pkt.

Afterglow.	Golden bronze.....	\$1.00
Gilbert's Bronze Beauty.	.....	1.50
✓ Glorious.	Attractive reddish copper, yellow lip. Spring flowering	1.00
Ideal Improved (Hodaly).	Blend of carmine-rose, orange tipped	
	lemon-yellow. White throat.....	1.50
✓ Lady Dorothy.	Early. Glowing reddish bronze. Good winter	
	bloomer.....	3.00
Miss Wooster.	Light golden bronze. Spring flowering.....	1.00
Sunlight.	Early. Golden bronze.....	1.00

YELLOW

Tr. Pkt.

Carol Jean (Dornacher).	Light yellow.....	\$2.00
Ceylon Court Dark.	Golden yellow.....	1.00
✓ Ethel.	Bright medium yellow. Very popular.....	1.50
✓ Junglewood Yellow.	Rich brilliant yellow. Long stems free of	
	side breaks.....	2.00
Klondike Supreme.	Deep yellow.....	1.00
Yellow Peggy Schumann.	.....	2.00
✓ Yellow Wonder Improved (Bezdek).	Deep yellow, very early and	
	good producer.....	1.50

LAVENDER

Tr. Pkt.

Bertha Bauer.	An old favorite lavender.....	\$1.50
Rockwood's Lavender Rose.	A late spring and summer variety.	
	Does well in hot weather when grown single stem.....	2.00
✓ Schumann's Lavender.	An excellent spring flowering variety....	2.00
✓ Windmiller's Lilac.	An early orchid of top quality.....	1.50
Witterstaetter's Orchid.	Rich orchid.....	2.50

RED

Tr. Pkt.

Rockwood's Crimson Queen.	Velvety crimson.....	\$2.00
✓ Shisler's Red.	True, brilliant wine red.....	2.00
Velvet Beauty.	Scarlet-crimson with velvety texture.....	1.00

Snapdragons

All varieties are rust resistant except where noted

MAXIMUM (2 3/4 feet)

The standard type for outdoor cutting and borders. Plants are base branching with fine spikes of large florets.

Alaska. White.

Appleblossom. Rose-pink with white tube.

Campfire. Luminous scarlet.

Canary Bird. Canary yellow.

Copper King. True copper-scarlet.

Crimson. Fiery crimson.

Daffodil. Yellow.

Indian Summer. Copper-rose scarlet.

Loveliness. Soft rose-pink.

Pink Sensation. Pure pink.

Swing Time. Rose-pink.

Finest Mixed.

Tr. Pkt. 25c 1/4 oz. 80c Oz. \$2.85

Velvet Giant (not rust resistant) Deep rich crimson with velvety texture. Unusually large well placed florets make excellent spikes for cutting.

Tr. Pkt. 45c 1/4 oz. \$1.75 Oz. \$5.25

MAJUS GRANDIFLORUM (2 1/2 feet)

Not quite as tall or vigorous as the Maximum class, and florets are slightly smaller. Produce fine spikes for cutting.

Brilliant Rose. True rose pink.

Buttercup. Canary yellow, shading creamy yellow.

Cherry Rose. Deep cherry rose.

Harmony. Terra-cotta and yellow shaded rose.

Padre. Outstanding rich crimson.

Pinkie. Clear pink.

Reveille. Deep luminous yellow.

Tr. Pkt. 25c 1/4 oz. 75c Oz. \$2.75

Rosalie. Topaz rose with deeper center and gold suffusion.

Scarlet (Defiance).

Shasta. Pure white.

Yellow Jacket. Deep yellow.

Special Mixed.

University of California DeLuxe.

Mixture. An excellent blend of colors.

Tr. Pkt. 35c 1/4 oz. \$1.00 Oz. \$3.00

SUPER MAJESTIC (16 to 20 inches)

A base branching type with blooms equal in size to the Maximum class, however the stems are of medium length.

Orange Shades. Deep to light orange. **Royal Crimson.** Garnet crimson.

Rose Sensation. Rose-pink.

Finest Mixed.

Tr. Pkt. 35c 1/4 oz. \$1.00 Oz. \$3.00

TOM THUMB (Magic Carpet) (not rust resistant). An excellent mixture for edging, rock gardens and pots. 6 inches.

Tr. Pkt. 40c 1/4 oz. \$1.65 Oz. \$5.00

FOR OUTDOOR CUTTING, BORDERS AND BEDDING



Tetra Snaps

TETRA MIXED (2 to 2 1/2 feet)

The most satisfactory outdoor Snapdragons. Being a tetraploid, it is a vigorous grower, almost never crippled with rust, and these big husky plants sell quickly from flats. Florets are huge, mostly ruffled, and stay on the stem so that 12 inch flower spikes are usual. Colors cover the full range, with a majority of flowers richly veined.

Tr. Pkt. 50c 1/4 oz. \$3.25 Oz. \$9.50

NANUM GRANDIFLORUM (1 1/2 feet)

Dwarf plants especially suited for bedding and pots.

Amber and Gold. Terra cotta color. **Malmaison.** Silver pink.

Carmine Rose. Bright carmine rose. **Wild Fire.** Bright orange

Red Boy. Rich deep red. **scarlet.**

Malmaison Rose. Bright rose. **Choice Mixed.**

Tr. Pkt. 25c 1/4 oz. 85c Oz. \$3.00

ARCTOTIS

Grandis. Excellent for cutting. Daisy-like flowers on long stems, upper surface pure white, reverse side of petals lilac-blue. About 3 ft.

Tr. Pkt. 15c 1/4 oz. 35c Oz. \$1.00

Large Flowered Hybrids. Showy daisy-like flowers. 2 1/2 to 3 inches across. A fine mixture of bright unusual shades.

Tr. Pkt. 35c 1/4 oz. \$1.10 Oz. \$3.50

ASPARAGUS

PLUMOSUS NANUS

Lacy foliage with finely divided bright green leaves. An old stand-by with florists for bouquets and arrangements.

SPRENGERI

A trailing ornamental plant with needle-like leaves. Commonly used in hanging baskets, cemetery urns and window boxes.

100 seeds 30c 250 seeds 65c
1,000 seeds... \$2.50 5,000 seeds... \$10.00 10,000 seeds... \$17.50



VIBRA-SEEDER.

Without battery.

Each \$ 1.95

Dozen 15.60

Flashlight Battery.

Each 10c

Dozen 96c



A FIELD VIEW OF BODGER'S FAMOUS WILT WORKSHOP, WHERE RESISTANCE TO FUSARIUM WILT IS BRED INTO ASTERS TO

✓ We've checked the varieties
most generally preferred for cutting.

Asters for

QUEEN OF THE MARKET

A very popular early flowering type. Branching freely near the ground, about 20" tall. Produces nearly round fully double blooms in early August.

	Tr. Pkt.	1/4 oz.	Oz.
✓ Azure Blue	30c	60c	\$1.85
✓ Ballet Queen. Deep Salmon Rose..	30c	60c	1.85
Crimson	30c	60c	1.85
Dark Blue	30c	60c	1.85
Flesh Pink	30c	60c	1.85
Rose. Soft Rose.....	30c	60c	1.85
Scarlet	30c	60c	1.85
✓ White	30c	60c	1.85
Finest Mixed	25c	60c	1.85

ROYAL

Blooms in mid-August directly following the Queen of the Market. Plants are 2 to 2½ ft. and branching. Responds well to additional light.

	Tr. Pkt.	1/4 oz.	Oz.
✓ Azure Blue or Dark Lavender.....	30c	60c	\$1.85
✓ Deep Rose	30c	60c	1.85
Peach Blossom	30c	60c	1.85
Purple	30c	60c	1.85
✓ Shell Pink	30c	60c	1.85
White	30c	60c	1.85
Finest Mixed	25c	60c	1.85

FOR BETTER ASTERS

In addition to using the best wilt resistant strains:

Set your plants in soil which has not had a crop of Asters on it recently or sterilize the soil.

Put your outside plantings in a cloth house to prevent leaf hoppers from bringing in Aster Yellows.

Avoid checking plant growth. Grow your seedlings in plant bands to prevent root injury in transplanting. See page 84.

EARLY GIANT

Blooms just after the Royal type in early September. Plants 1½ ft. with long heavy stems produce large fluffy Crego type flowers.

	Tr. Pkt.	1/4 oz.	Oz.
✓ Light Blue	35c	60c	75c
✓ Rose Marie. Rich Rose.....	40c	60c	80c
Finest Mixed	35c	60c	75c

EARLY BEAUTY (AMERICAN BEAUTY)

Flowers are globular and fully double with incurved petals. Plants 2 to 2½ ft. Blooms from mid-September to frost. Outstanding for long stems and excellent keeping qualities.

	Tr. Pkt.	1/4 oz.	Oz.
Azure Fairy. Azure blue or dark lavender....	30c	60c	\$1.85
Crimson	30c	60c	1.85
✓ Deep Rose.....	30c	60c	1.85
Purple	30c	60c	1.85
September Beauty. Delicate shell pink.....	30c	60c	1.85
✓ White	30c	60c	1.85
Finest Mixed	25c	60c	1.85

AMERICAN BRANCHING

One of the most popular in the mid-season to late class. Commencing to bloom in early September. Plants grow 2½ to 3 feet tall. Flowers are large. Responds well to additional light.

	Tr. Pkt.	1/4 oz.	Oz.
✓ Azure Blue. Clear mid-blue.....	30c	60c	\$1.85
Crimson	30c	60c	1.85
Improved Semple Pink. Shell pink.....	30c	60c	1.85
Peach Blossom	30c	60c	1.85
Purple	30c	60c	1.85
Rose	30c	60c	1.85
✓ White	30c	60c	1.85
Finest Mixed	25c	60c	1.85

TILFORD'S RESISTANT STRAIN

Developed by Dr. Paul Tilford of Ohio Agricultural Experiment Station in cooperation with the Ohio Florists Association after years of research, this strain has proved very resistant to wilt in many sections. Resistance has been 80% and over in soil where ordinary Asters were 100% diseased. All are Royal type except Crego Deep Rose which has lost most of its Crego characteristics and is now more nearly Royal type.

Crego Deep Rose
Royal Purple

Royal Shell Pink
Royal White

Originators Packets \$1.00



TO INSURE YOU HEALTHY COMMERCIAL AND GARDEN PLANTS. THIS IS THE ONLY COMMERCIAL PROJECT OF THIS SORT IN THE WORLD.

the Florist

Except where noted all varieties listed
are Bodgers Wilt Resistant Strain.

PRINCESS

See them in color on the inside front cover. 3 new varieties have increased the color range of this outstanding class.

	Tr. Pkt.	1/4 oz.	Oz.
Princess Elizabeth—(New) Pure white.....	40c	\$1.00	\$3.00
Princess Margaret—(New) True rose.....	40c	1.00	3.00
Princess Susan—(New) Clear true deep blue..	40c	1.00	3.00
✓ Princess Anne—Peach blossom.....	35c	80c	2.85
✓ Princess Bonnie—Soft salmon pink.....	25c	80c	2.85
Golden Sheaf—A yellow self.....	35c	80c	2.85
Princess Linda—Clear light rose.....	35c	80c	2.85
Princess Marsha—Cinnamon scarlet.....	35c	80c	2.85
Princess mixed.	35c	80c	2.85

CREGO IMPROVED

Plants are robust, branching, about 2½ ft. The large flowers have long ribbon-like, curled and twisted petals giving them a fluffy appearance. Blooms early September on. Responds well to additional light.

	Tr. Pkt.	1/4 oz.	Oz.
Azure Blue. Attractive light blue, medium size	30c	60c	\$1.85
Blue Flame. Bright navy blue.....	30c	60c	1.85
Crimson	30c	60c	1.85
Deep Rose. Rich deep rose.....	30c	60c	1.85
Orchid (Cattleya) Fascinating orchid shade..	30c	60c	1.85
Peachblossom. Attractive light lavender-pink	30c	60c	1.85
Purple. Dark blue	30c	60c	1.85
Shell Pink. Very fine bright shade.....	30c	60c	1.85
White. Large, full and clear color.....	30c	60c	1.85
Finest Mixed	30c	60c	1.85

NON-RESISTANT STRAINS

IMPROVED GIANTS OF CALIFORNIA

Very large, full flowers with broad curled and interlaced petals are borne on heavy non-lateral stems. Plants reach 3 ft., blooming from late summer to frost.

Deep Rose	Purple
Azure Blue	White
Peach Blossom	Finest Mixed
Tr. Pkt.....	35c 1/4 oz.....90c Oz.....\$2.50

BALL BRANCHING

Deep Purple.	Outstanding color. Blooms late Aug. to early Sept.
✓ Deep Rose.	Attractive bright rose. Blooms about mid-August.
✓ White (Early).	Blooms late August to early September.
White (Late).	Blooms early to mid-September.

Tr. Pkt.....35c 1/4 oz.....60c Oz.....\$1.85

GIANT MAMMOTH PEONY FLOWERED

Immense fully double flowers resembling the Beauty type are borne on long, stout non-lateral stems. Blooms in late summer with the Giants of California.

Silvery Rose. Tr. Pkt.....35c 1/4 oz.....75c Oz.....\$2.50

HEART OF FRANCE

The rich, dark red color is the distinctive feature of this variety. Medium-sized flowers are produced on branching plants 1½ to 2 ft. high in early September.

Tr. Pkt.....30c 1/4 oz.....65c Oz.....\$2.00

IMBRICATED POMPON

Compact plants about 15 inches high bear small, round pompon flowers having a few rows of short broad outer petals and attractively quilled center petals. Excellent for pots and bedding.

Mixed. Tr. Pkt.....30c 1/4 oz.....75c Oz.....\$2.25

SINGLE CHINENSIS

Single daisy like flowers, plants 1½ to 2 feet. Blooms in late August.

Rainbow Mixture. Florist strain. Tr. Pkt.....30c 1/4 oz.....50c Oz.....\$1.50

At present these cannot be made resistant without sacrificing the huge flower size or the exquisite flower form.

CALIFORNIA GIANT SUNSHINE MIXED

A large flowered Anemone type composed of a single row of outer petals contrasting with a yellow quilled center. Blooms early to mid-September. Tr. Pkt.....30c 1/4 oz.....80c Oz.....\$2.40

SUPER GIANT

The largest, most fully double Aster class. Flowers have gracefully interlaced full petals. Six to eight long, non-lateral stems on 2½ ft. plants.

El Monte—Crimson Los Angeles—Shell-pink
Santa Maria (McDonald)—Pure white Tr. Pkt.....35c 1/4 oz.....85c Oz.....\$3.00



Begonias

FIBROUS
ROOTED

Sow in fall or early winter for good sized plants in May or June.
Nice plants for bedding or combinations may be had by sowing in January.

A. B. C. MASTERPIECE

A lovely clear rose-pink Begonia, and the most outstanding in this color class. The large-size blooms are produced so abundantly that the foliage is really overshadowed. For pot plants as well as for bedding, you have something if you have this exceptional Begonia.

Tr. Pkt.	\$1.00	1/64 oz.	\$2.50	1/32 oz.	\$4.50
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KING OF THE REDS

One of our most popular varieties. Its glowing, bright red flowers borne on compact plants makes it outstanding. Can be used in pots or for bedding.

Tr. Pkt.	\$1.00	1/64 oz.	\$2.50	1/32 oz.	\$4.50
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ISLE DE FRANCE

Our best selling white. Large white flowers are produced on compact plants of medium height. Foliage light green. Can be used in pots or for bedding.

Tr. Pkt.	\$1.00	1/64 oz.	\$2.10
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GRACILIS

Especially adapted to pot culture because of their small foliage.

DWARF

Adeline. (Imp. Darling). Bright pink flowers, dwarf, compact habit and green foliage.

Tr. Pkt.	\$1.00	1/64 oz.	\$2.50
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Bois de Vaux Rose. Heavy blooming vivid rose; metallic green foliage with small red border. Compact, upright, pyramidal growth.

Tr. Pkt.	\$1.00	1/64 oz.	\$2.25
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Luminosa Compacta. Brilliant scarlet. Very free flowering. About 5 inches tall. Tr. Pkt.

\$1.00	1/64 oz.	\$3.00
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Pink Pearl. Dwarf, rich pink, one of the best for pot culture. Grown from originators seed. Tr. Pkt.

\$1.00	1/64 oz.	\$2.00
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Red Pearl. Dwarf, brilliant dark scarlet. Grown from originator's seed. Tr. Pkt.

\$1.00	1/64 oz.	\$2.00
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MEDIUM

Carmen. Bright pink flowers with richly contrasting bronze foliage. Tr. Pkt.

\$1.00	1/64 oz.	\$2.25
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Indian Maid. Bright deep scarlet flowers with deep bronze foliage. Tr. Pkt.

\$1.00	1/64 oz.	\$2.50
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Luminosa. Deep scarlet with reddish-brown foliage. One of the best sellers. Tr. Pkt.

\$1.00	1/64 oz.	\$2.50
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Prima Donna. Medium rose shading to carmine. Very excellent variety. Tr. Pkt.

\$1.00	1/64 oz.	\$2.00
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Radio. Fine carmine-scarlet. Tr. Pkt.

\$1.00	1/64 oz.	\$2.00
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White Pearl. Pure white, large flowers, green foliage. Tr. Pkt.

\$1.00	1/64 oz.	\$2.00
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BACHELOR BUTTONS (See *Centaurea Cyanus*) Page 13

BALSAM (Lady Slipper)

BUSH FLOWERING. Double flowers are borne well above the foliage making them conspicuous and very showy.

Finest Mixed.	Tr. Pkt.	35c	1/4 oz.	65c	Oz.	\$2.25
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CAMELLIA-FLOWERED. One of the showiest flowers, our strain has been selected especially for its doubleness and wide range of colors.

Finest Mixed.	Tr. Pkt.	20c	1/4 oz.	40c	Oz.	\$1.10
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BARTONIA AUREA

Golden Yellow.	Tr. Pkt.	15c	Oz.	50c
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SEMPERFLORENS

Characterized by large foliage. Excellent for bedding or large pots.

DWARF

Glow. (Improved Fire Sea). Dark red, bronze foliage. Tr. Pkt.

\$1.00

Winter Romance. Carmine-rose, green foliage. Tr. Pkt.

\$1.00

MEDIUM

Albert Martin. Bright carmine. Tr. Pkt.

\$1.00

Scandinavia. A very free flowering type with bushy habit which makes it ideal for pot plants as well as bedding and for use in combinations.

Red	Pink	White	Mixed
Tr. Pkt.	\$1.00	1/64 oz.	\$2.75

Snow. Pure white medium-size flowers show up well against the rosy stems and light green leaves. About 10 inches high.

Tr. Pkt.	\$1.00	1/64 oz.	\$2.00
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TALL

Christmas Cheer. Extra large flowered crimson-scarlet.

Tr. Pkt.	\$1.00	1/64 oz.	\$1.75	1/32 oz.	\$3.25
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Christmas Pink. This variety is of same habit as Christmas Cheer.

Tr. Pkt.	\$1.00	1/64 oz.	\$2.00
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Mixed. Choice blend of varieties listed above.

Tr. Pkt.	\$1.00	1/64 oz.	\$1.75
1/32 oz.	\$3.00	1/16 oz.	\$5.00

BEGONIAS TUBEROUS ROOTED

Single Mixed.	Tr. Pkt.	\$1.00	Double Mixed.	Tr. Pkt.	\$2.50
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BLUE LACE FLOWER

(See *Didiscus Coeruleus*) Page 16

BRACHYCOME (Swan River Daisy)

IBERIDIFOLIA. A free blooming annual with small flowers.

Mixed Colors.	Tr. Pkt.	25c	1/2 oz.	85c	Oz.	\$1.50
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BROWALLIA

Suitable for pot plants, bedding and border work. For outdoor use sow February or later, shift in pots, plant out in May. Plants bloom all summer.

Speciosa Major. Brilliant deep blue. Tr. Pkt.

\$1.00

Viscosa Compacta Sapphire. Excellent pot plant. Compact grower. Dark blue flowers with white eyes.

Tr. Pkt.	35c	1/16 oz.	\$1.05	1/8 oz.	\$1.85
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A. B. C. Supreme Quality Flower Seeds

CALCEOLARIA

Our seed is produced by the foremost specialists of the world.

Ruby Queen. Bright red, medium sized flowers on vigorous plants make this splendid hybrid an excellent pot plant.

Tr. Pkt. \$1.25 1/64 \$2.75 1/32 \$5.00

Hybrida Multiflora Nana Mixture. Dwarf, compact growth. Medium size brightly colored flowers. A great favorite with the trade.

Tr. Pkt. \$1.00 1/64 oz. \$4.40 1/32 oz. \$8.00

Triumph Mixed. A special florists' selection. Medium dwarf in growth, producing an exceptional assortment of colors and shades. Highly recommended.

Tr. Pkt. \$1.25 1/64 oz. \$2.75 1/32 oz. \$5.00

ABC Tigered Hybrids. Large, beautifully tigered flowers in shades of bronze, yellow and red. Dwarf, compact plants are very uniform.

Tr. Pkt. \$1.00 1/64 oz. \$2.50 1/32 oz. \$4.50

Cloth of Gold. Golden yellow, medium large flowers. Very showy and free flowering.

Tr. Pkt. \$1.00 1/64 oz. \$2.55 1/32 oz. \$4.60

Flower Cloud. Small flowers in shades of bronze, orange and yellow are borne, freely on large heads. Plants are bushy.

Tr. Pkt. \$1.50 1/128 oz. \$3.50

CALLIOPSIS (Tickseed)

A very free flowering annual which will bloom till frost if the old flowers are removed frequently.

Gold Crest. Large, golden yellow, semi-double flowers with a reddish brown zone. 18 in.

Golden Crown. Rich golden yellow, with a shining maroon central zone. 2 ft.

Tall All Double Mixed. Semi-double and double flowers are produced on long, graceful stems. 3 ft.

Tr. Pkt. 15c Oz. 70c

Dwarf Mixed. Showy, compact plants which are ideal for bedding. 9 to 12 in. Tr. Pkt. 15c Oz. 50c

PERENNIAL CALLIOPSIS (See Coreopsis) Page 35

CAMPANULA (Annual Canterbury Bells)

Plants grow from two to two and a half feet tall, each plant having from six to eight spikes of blooms. Seed planted in February blooms in July.

Choice Mixed. Contains dark blue, light blue, pink, rose and white. Tr. Pkt. 15c 1/4 oz. 25c Oz. 80c

CANARY BIRD VINE

Tropaeolum Canariense. Flowers bright canary yellow.

Tr. Pkt. 10c

CALENDULA

NEW PACIFIC BEAUTY

A new type of Calendula with uniformly large flowers of better formation, longer and straighter stems, more clear colors and more resistant to mid-summer heat than the other out-door varieties. Especially fine for cutting and also good for bedding.

Tr. Pkt. 35c 1/4 oz. 50c 1 oz. \$1.50

FORCING VARIETIES

Plan for the main crop to come in late December and January. For this crop seed is usually sown late in July in northern greenhouses. An early fall sowing will provide a fine crop in February and March.

A. B. C. Improved Sensation (Campfire). One of the best Calendulas for cut-flower purposes. Flowers very large, deep orange with scarlet sheen, light center.

Apricot. Rich apricot or straw color with a finely contrasting brown center. Inclined to occasionally produce orange petals with the apricot.

Gold. Deep golden yellow, long-stemmed and large flower with light center. Stem, size, and color in this are outstanding.

Improved Long Orange. The largest flowered and longest stemmed Calendula. Clear bright orange with light eye.

Lemon Queen. Clear medium deep yellow with a dark brown center.

Masterpiece. Clear rich orange with an attractively contrasting dark brown center. Extra long stems.

Tr. Pkt. 40c 1/4 oz. 60c Oz. \$2.00 4 oz. \$6.50

ABC Special Forcing Mixed.
Tr. Pkt. 35c 1/4 oz. 50c Oz. \$1.50 4 oz. \$5.00

BEDDING VARIETIES

Chrysanth or Sunshine. Clear buttercup yellow, petals long, broad and drooping.

Improved Orange Shaggy. Deep orange, lighter center, petals long and deeply fringed.

Lemon Queen. Light.
Tr. Pkt. 15c 1/4 oz. 25c 1 oz. 85c

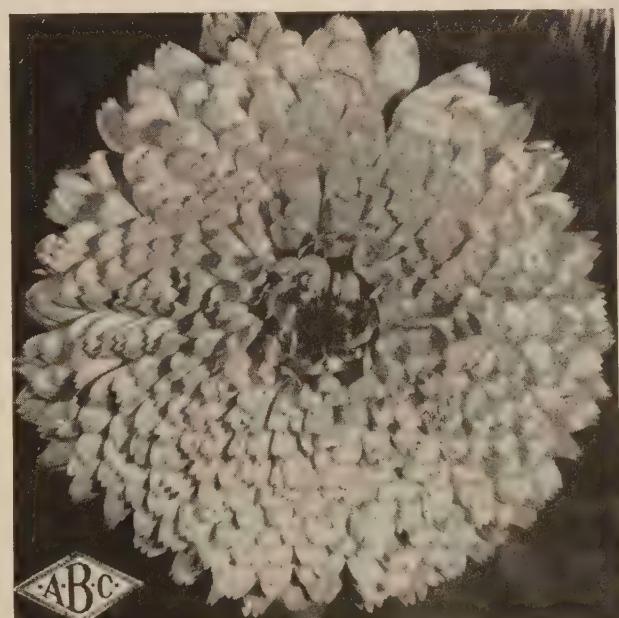
BEDDING VARIETIES (Continued)

Orange King. Rich orange-red, dark center.

Radio. Bright orange with quilled petal.

ABC Bedding Mixture. A fine blend of bedding varieties.

Tr. Pkt. 15c 1/4 oz. 25c 1 oz. 85c



Calendula A. B. C. Improved Sensation



Candytuft ABC Giant White

CANDYTUFT

HYACINTH FLOWERED

A. B. C. Giant White. Our select strain provides excellent cut flowers under glass. A January sowing makes Mother's Day nicely.

Tr. Pkt. 15c Oz. 85c 1/4 lb. \$2.75 Lb. \$8.25

UMBELLATA

Dwarf bushy plants 1 foot tall.

Carmine	Lavender or Lilac	Rose Cardinal
Crimson	Flesh Pink	White

Finest Mixed. Tr. Pkt. 15c 1 oz. 50c 4 oz. \$1.60

PERENNIAL CANDYTUFT (See Iberis Page 37)

CARDINAL CLIMBER

Hybrids. Rapid growing annual climber, producing a profusion of brilliant cardinal red flowers. To hasten germination file or cut notch in seed.

Tr. Pkt. 25c 1/4 oz. 60c Oz. \$2.00

CARNATION

A. B. C. Giant Perpetual Flowering Mixture. This gold medal hybrid mixture may be grown outdoors during the summer, if disbudded. Strongly clove scented.

Tr. Pkt. 35c 1/4 oz. \$1.00

Enfant de Nice. Preferred by many. Color comes about 75% true from seed and about 90% of plants come double.

Red	Scarlet	Rose	Pale Pink	Salmon	White	Striped	Mixed
Tr. Pkt.	50c						\$2.15

Chabaud's Giant Improved Strain.							
Cardinal, Red	Deep Rose	Flesh	Rose Pink	White	Mixed		
Tr. Pkt.	30c						.95c

Marguerite (Special Double Mixed). Very early flowering, giving an abundance of bloom within five months from planting. The flowers are very fragrant, on good stems and 16 to 20-inch plants.

Tr. Pkt. 25c 1/4 oz. 60c Oz. \$2.20

CASTOR BEAN (See Ricinus) Page 29

CELOSIA

A showy easily grown annual which thrives on most any soil. When the flowers are dried they last a long time. We offer a wide range of flower form in the best strains.

CHILDSII (Chinese Woolflower)

Childsii. Well branched plants, have distinctive round wooly flower heads, 3 ft.

Crimson	Rose	Yellow	Mixed
Tr. Pkt.	25c	1/4 oz.	50c

CELOSIA (Continued)

CRISTATA (Cockscomb)

These do best on light soil which has had no commercial fertilizer for at least a year.

DWARF. Excellent for pots and bedding.

Empress. Bright red; dark foliage.

Glasgow Prize. (Pres. Thiers). Dark crimson; green foliage.

Finest Mixed. All colors with dark and light foliage.

Tr. Pkt. 25c 1/4 oz. 60c

TALL. Fine cut flowers, may be dried.

Royal Velvet. Rich carmine-crimson. Early blooming, foliage is bronzy green with reddish margins.

Tr. Pkt. 25c 1/4 oz. 80c

Crimson and Mixed.

Tr. Pkt. 25c 1/4 oz. 50c

GILBERT'S STRAIN

Ideal for florist work from corsages to sprays and baskets; also for the home gardens and park bedding purposes.

Harlequin. When small, the flowers are pink tipped gold turning to salmon, then to a bright shell pink when fully developed. Bushy uniform plants with bright green foliage, 18 inches.

Originator's seed. Tr. Pkt. (300 seeds) 75c

Green Gold. Sparkling silver tipped with light rose touched with gold. Splendid in bouquet work, dries well and takes dye perfectly. 2 ft.

Maple Gold. Color varies from light to dark pink, tipped with pure gold. An excellent cut flower. 2 1/2 to 3 ft.

Rose Beauty. Very striking deep rose pink on a silver base. Non-branching unless pinched. Color keeps perfectly when flowers are used fresh or dried. 3 to 4 ft.

Gilbert's Strain Mixed.

Originator's Seed. Tr. Pkt. (300 seeds) 50c

PLUMOSA (Feathered Cockscomb)

Plants produce brilliant silky plumes and are very free flowering.

DWARF. Fine for bedding and pot plants.

Fire Feather. Rich fiery crimson. 12 inches.

Golden Feather. Deep yellow. 15 inches.

Tr. Pkt. 25c 1/8 oz. 65c 1/4 oz. \$1.25 1 oz. \$4.00

TALL. Excellent for cut flowers.

Crimson	Fiery Red	Scarlet	Yellow
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Pride of Castle Gould. 2 to 3 feet. Colors from deep crimson to light yellow. Mixed.

Thompsoni Magnifica. The choicest mixture of the feathered varieties. 2 feet.

Tr. Pkt. 20c 1/4 oz. 55c Oz. \$1.85



CELOSIA PLUMOSA

The Dwarf types are excellent for bedding. The tall types make splendid cut flowers fresh or dried.



Try Annual Chrysanthemums for Cutting

CENTAUREA

All except Dusty Miller may be used for greenhouse forcing. Sown in January and spaced 8 x 8 inches, they will produce valuable cut flowers for Mother's Day, and Memorial Day. They respond well to additional light. Grow cool. Fine cut flowers, can also be had from outdoor plantings.

CYANUS (Bachelor Button or Cornflower)

A. B. C. GIANT DOUBLE STRAIN. We offer an especially select florist strain with very large double flowers and intensified color.

Black Boy.	Rich maroon.	Red Boy.	Deep red.
Blue Boy.	Double blue.	Snow Man.	White.
Pinkie.	Deep pink.	Special Mixed.	
Tr. Pkt. 4 oz.	15c \$1.40	Oz. Lb.	45c \$4.50

IMPERIALIS (Sweet Sultan)

Giant exquisitely fringed thistle-like flowers on long stems. Sweet scented.

Aramanth Red	Deep Lavender	White
Brilliant Rose	Delicate Lilac	Giant. Mixed
<i>Suaveolens (Yellow Sweet Sultan or Grecian Cornflower).</i> Large, bright yellow flowers; sweetly scented and a popular sort for cutting; lasting well.		
Tr. Pkt. 15c	1/4 oz. 25c	Oz. 85c

DUSTY MILLER (White Leaved)

For borders, vases, blankets, etc.

<i>Candidissima.</i>	Silver gray foliage. 6 inch.	
Tr. Pkt. 50c	1/4 oz. \$1.10	Oz. \$3.60
<i>Gymnocarpa.</i>	Fine, silvery foliage. 24 inch.	
Tr. Pkt. 15c	Oz. 65c 4 oz. \$2.30	Lb. \$6.25

Maritima Diamond Improved. (Cineraria).

Tr. Pkt. 15c 1/4 oz. 30c Oz. 90c

AMERICANA

Immense thistle-like blooms. Splendid for cutting. 3 ft.

Lilac	White
Tr. Pkt. 15c	Oz. 55c 4 oz. \$2.00

CHrysanthemum (Annual)

An excellent cut flower with great lasting qualities, if kept in water for 24 hours before shipping. Responds well to additional light.

CARINATUM

Northern Star. Giant white, yellow zone. Brown eye.

Tr. Pkt. 20c Oz. 65c

Rainbow Mixture. A wide range of tones of purple, scarlet, orange, salmon, rose, yellow, white. All beautifully zoned round the dark discs with small yellow edges. 2 ft.

Tr. Pkt. 30c 1/4 oz. 60c Oz. \$2.00

CORONARIUM

Double Mixed. Button shaped, double blooms, 1 1/2 inches across, in white and shades of yellow. 18 inches.

Tr. Pkt. 15c Oz. 60c

INODORUM

Bridal Robe. Pure white and fully double with very fine foliage. 20 in. *Snowball.* Large ball-shaped, pure white, double flowers. Compact.

Tr. Pkt. 25c

SEGETUM

Eastern Star. Light yellow. 18 in.

Single Mixed.

Tr. Pkt. 20c Oz. 65c

CINERARIA

For excellent flowering plants in January sow seed in June. A September sowing will flower March to April, use sterilized soil.

A. B. C. DE LUXE MIXTURE. A good all-around assortment containing select strains of Cremer's Prize and Siter's Rainbow, also some Berlin Market, Hybrida Grandifloras and other desirable types.

Tr. Pkt. \$1.00 1/64 oz. \$1.75
1/32 oz. \$3.25 1/16 oz. \$5.50

CREMER'S IMPROVED PRIZE STRAIN. One of the best known florist strains. All quantities in originators packets.

Tr. Pkt. (1,000 seeds) \$1.50 1/64 oz. \$2.25
1/32 oz. \$4.00 1/16 oz. \$7.50 1/8 oz. \$14.00

SITER'S HYBRIDS. New. A distinct improvement over the original Siter's strain. See full description page 4.

Seed for 500 plants \$5.00 Seed for 1,000 plants \$10.00

SITER'S RAINBOW STRAIN. Immense heads of medium large flowers, ranging from bright-eyed types to pastel shades. Compact.

Tr. Pkt. \$2.00 1/64 oz. \$2.50
1/32 oz. \$4.50 1/16 oz. \$8.00

FOR OTHER VARIETIES PLEASE SEE NEXT PAGE



Centaurea Imperialis



Cosmos Radiance

CINERARIA—Continued

"GOLD CENTER." Golden yellow stamens contrast with the bright petals to make this Multiflora Nana selection distinctively different. Tr. Pkt. \$1.00 1/64 oz. \$2.00 1/32 oz. \$3.50

MULTIFLORA NANA MIXED. A very dwarf, small flowered strain of exceptional merit. Tr. Pkt. \$1.00 1/32 oz. \$3.00

MULTIFLORA MAXIMA. Includes every desirable shade in pinks, reds, blues, in delicate pastel tints to solid bright shades and beautiful eyed types. Good medium size. Tr. Pkt. \$1.00

BERLIN MARKET MIXED. (Weissensee). A white-eyed strain with dwarf growth and medium flower head. Tr. Pkt. \$1.00 1/64 oz. \$1.75 1/32 oz. \$3.25

A. B. C. PRIZE HYBRIDA GRANDIFLORA. The world's best strain of the large flowering type.

Blue Shades **Crimson** **Salmon Shades** **Pure White**
All above varieties: Tr. Pkt. \$1.00 1/64 oz. \$2.75

Prize Mixture. Tr. Pkt. \$1.00 1/64 oz. \$2.50

MARITIMA DIAMOND (See Dusty Miller) Page 13.

CLARKIA

ELEGANS DOUBLE

A very useful spring cut flower. For indoor culture sow in January. Grow in light soil in shallow benches or flats, spacing plants 8 x 10 inches. Water sparingly.

	Tr. Pkt.	1/4 oz.	Oz.
Alba. White	25c	35c	\$1.00
Brilliant. Bright carmine	25c	35c	1.00
Mayblossom. Deep rose	25c	35c	1.00
Orange King. Orange-scarlet	25c	35c	1.00
Salmon Queen. Rich salmon-pink	25c	35c	1.00
Scarlet Queen. Glowing scarlet	25c	35c	1.00
A. B. C. Special Mixed.	25c	35c	1.00

CLEOME PUNGENS (Spider Plant)

Pink Queen. Color a refreshing pink, turning to white. Foliage of beautifully airy appearance.

Tr. Pkt. 30c 1/4 oz. 50c Oz. \$1.85

COBAEA SCANDENS (Cup and Saucer Vine)

Plant seeds edgewise to insure good germination.

Blue. Tr. Pkt. 15c 1/4 oz. 35c Oz. \$1.00

COCKSCOMB—(See Celosia) Page 12

COLEUS

Brilliantly colored foliage plants for beds, borders, pots or edging. About 20 inches.

A. B. C. Rainbow Mixture. An excellent selection of highly colored types. Tr. Pkt. 75c 1/16 oz. \$3.25

Glory Vichy. Good range of colors. Large leaves. Beautifully marked. Tr. Pkt. 65c 1/16 oz. \$2.50

Exhibition Mixed. Tr. Pkt. \$1.00 1/16 oz. \$3.75

CORNFLOWER

(See *Centaurea Cyanus*) Page 13

COSMOS

SENSATION

A very early giant flowering variety. Blooms are 4 to 6 inches across. Height, 6 feet.

	Tr. Pkt.	1/4 oz.	Oz.
Radiance. Most striking. Bi-colored flowers of deep rose with rich crimson zone	25c	55c	\$1.75
Dazzler. Excellent crimson	20c	40c	1.25
Pinkie. Beautiful pink	20c	40c	1.25
Purity. Pure white	20c	40c	1.25
Mixed	20c	40c	1.25

EXTRA EARLY DOUBLE CRESTED.

Finest Mixed 30c 60c 2.15

KLONDYKE

Orange Flare. Vivid orange with light green foliage. Blooms in less than four months from sowing. Tr. Pkt. 15c 1/4 oz. 30c Oz. 85c

Orange Ruffles. Semi-double. Vivid golden orange. Butterfly-like semi-double flowers. Tr. Pkt. 15c 1/4 oz. 35c Oz. \$1.00

Yellow Flare. Beautiful butter yellow. 3 to 4 ft. Very good bloomer. Tr. Pkt. 15c 1/4 oz. 35c Oz. \$1.00

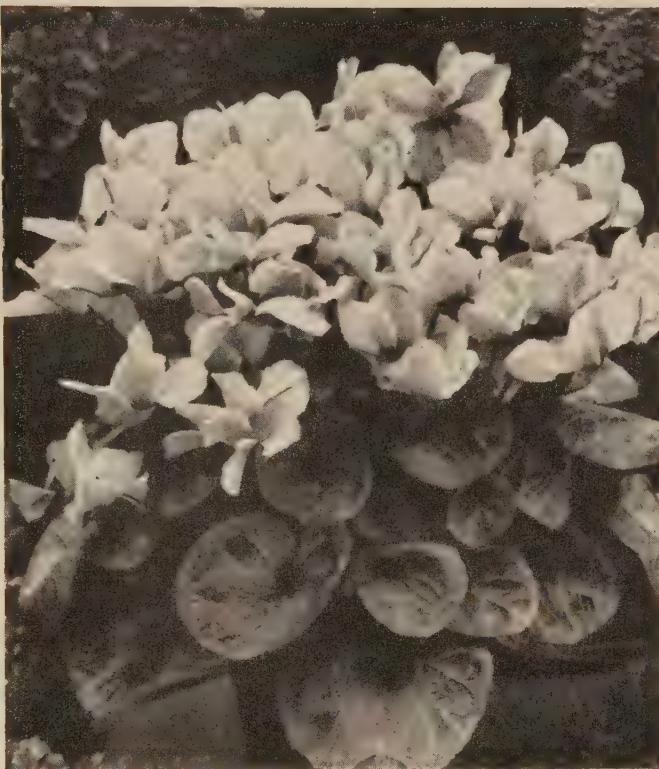
CUPHEA (Cigar Plant)

Firefly. This is a semi-dwarf, compact growing annual about 10 to 12 inches in height with a spread of about 12 inches. Somewhat fluted in formation, a deep rosy scarlet color, deepening to almost purple at the center. The plants grow very readily from seed and flower in about five months.

Tr. Pkt. 30c 1/8 oz. 75c 1/4 oz. \$1.25



Cleome Pink Queen



Eveleens' Cyclamen

We are pleased to distribute in America Eveleens' world-famous Cyclamen Seed, winner of nineteen medals and awards for top excellence throughout Europe. This strain meets A. B. C.'s requirements of "Supreme Quality."

Eveleens' seed is produced on selected plants similar to the one pictured with special attention to quality and uniformity. The continued orders and high praise of the most critical growers confirm our belief that this strain is tops.

	Per 100	Per 1000
Bonfire (Vuurbak) Brilliant salmon-scarlet	\$2.30	\$21.00
Carmine Salmoneum . Fiery salmon-on	2.30	21.00
Cattleya . Lilac	1.75	16.00
Dark Red	1.75	16.00
Glowing Bright Red	1.75	16.00
Light Red	1.75	16.00
Perle of Zehlendorf (Glory of Wandsbek) Dark salmon pink	2.10	18.00

	Per 100	Per 1000
Pure White	\$1.75	\$16.00
Rose of Aalsmeer . Bright deep rose	1.75	16.00
Rose of Marienthal . Soft rose with carmine eye	1.75	16.00
Rose of Zehlendorf . Light salmon pink	2.10	18.00
Salmoneum Oculatum . Pale pink with carmine eye	2.00	18.00
Sylphide . Soft lilac	2.00	18.00

	Per 100	Per 1000
White with carmine eye	\$1.75	\$16.00
Rococo Grandiflora . Bright mixture	2.00	18.00
Mixed	1.65	15.00

SPECIAL QUANTITY DISCOUNTS

On EVELEENS' seed only we can offer the following SPECIAL DISCOUNTS: Less 5% on orders for 10,000 to 25,000 seeds; less 10% on over 25,000 seeds.

OTHER IMPORTED STRAINS

	Per 100	Per 1000
Baardse's Wonder . Salmon with white border	\$2.25	\$20.00
Daybreak . Light salmon-rose	2.20	18.00
Lavendar	1.75	16.00
Mozart . Deep pink	2.25	20.00
Orange Beauty . Orange-vermilion	2.30	21.00
Pink Pearl . Salmon-pink	2.30	21.00
Ruffled Salmon	2.25	20.00
America Improved . Salmon scarlet	2.30	21.00
White Victoria . Tipped red with fringed border	2.25	20.00
Ruffled . Mixed	2.25	20.00
Mixed	1.65	15.00

VOGT'S

Double-Flowered Cyclamen

The huge double flowers composed of 10 to 16 petals are very showy and are borne well above beautiful foliage. Excellent for pot plants. Try using double cyclamen blooms for unusual corsages.
Admiration . Salmon-rose with shaded eye.
Rosea . Soft rose with coral cast.
Prosperity . Flaming rich rose.
Cerise Brilliant . Rich cerise-red.
Vogt's Special Mixed .
100 seeds.....\$3.50
500 seeds.....\$13.00
250 seeds.....7.00
1,000 seeds.....25.00

250 of a Variety at 1,000 Rate. The above prices on Cyclamen are net.

CYNOGLOSSUM (Chinese Forget-Me-Not)

	Tr. Pkt.	1/4 oz.	Oz.
An exceptional cut flower for under glass or outside.			
Deep Blue	15c	25c	90c
Blue Bird . Improved strain	20c	30c	\$1.00
Firmament . Bright blue flowers. Dwarf bushy plants, 15 in. Fine for bedding	25c	35c	1.25

CYPERUS (Umbrella Plant)

Alternifolius	40c
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DAISY

Tahoka Daisy . Lilac-blue flowers with narrow, pointed petals and golden yellow center. Fern-like foliage. 18 inches	25c	75c	\$2.25
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DAHLIA

DWARF

Easily grown from seed and will bloom the first year when sown early. Many new colors and forms may be obtained from seed.

Improved Unwin Dwarf Hybrid. Early flowering semi-double flowers in a varied assortment of colors. Our special strain produces bushy plants which are exceptional for pot plants or bedding.

Tr. Pkt.....25c 1/4 oz.....75c Oz.....\$2.30

Coltness Hybrids. Single type; very free-flowering, height 2 feet. Choice mixed colors.

Tr. Pkt.....25c 1/4 oz.....45c Oz.....\$1.50

Mignon Mixed. Nicely rounded single flowers in a wide range of colors including some bicolor and striped.

Tr. Pkt.....25c 1/4 oz.....60c Oz.....\$2.00



Dahlia Unwins Hybrid

DAHLIA (Continued)

TALL. 3 to 5 ft.

Double Cactus Mixed. A select strain of double and semi-double cactus-flowered blooms in many colors.

Tr. Pkt. 50c 1/4 oz. \$1.75 Oz. \$6.50

Double Large Flowering. Mixed. from named varieties.

Tr. Pkt. 50c 1/4 oz. 75c Oz. \$2.50

Pompon Mixed. The smallest of all dahlias. Flowers are ball-shaped in a wide range of color on rather compact plants, 3 ft.

Tr. Pkt. 50c 1/4 oz. 75c Oz. \$2.50

DIANTHUS

Brilliantly colored, sweet scented blooms in a variety of flower forms. Very useful in beds, borders, rock gardens, edging and cut flowers. Flowers are produced freely from July until frost.

TETRA HEDDENSI

This new class combines the large open flowers of *D. Hedewigii* with the rugged growth and long stems of *D. Chinensis*. More tolerant of extreme temperatures.

Westwood Beauty. Color ranges from fiery crimson to deep velvety red. Flowers 2 inches in diameter on long wiry stems. 16 inches.

Finest Mixed. Contains all the traditional Dianthus colors plus salmon. Flowers are 2 inches across, on 16 inch stems.

Tr. Pkt. 25c 1/4 oz. 65c Oz. \$1.90

DIANTHUS (Continued)

HEDDEWIGII (Pinks)

Fireball. Double dark scarlet. One of the best.

Snowdrift. Double. Extra large flowered, pure white.

Best Double Mixed.

Tr. Pkt. 20c 1/4 oz. 40c Oz. \$1.35

HEDDEWIGII LACINIATUS (Fringed Pinks)

Of the same habit as *D. Hedewigii* but with deeply fringed flowers.

Splendens. Single; extra large 2 inch; brilliant crimson, large contrasting white eye. Tr. Pkt. 20c Oz. \$1.35

Gaiety. A brilliant range of colors with large, attractive lacy flowers.

Tr. Pkt. 35c Oz. \$2.40

DIDISCUS COERULEUS (Blue Lace Flower)

Lace like heads of many delicate blue flowers. May be forced or grown outdoors. Flowers from July until frost if cool. Light soil and careful watering will give fine cut flowers. 2 1/2 ft.

Tr. Pkt. 20c Oz. \$1.25

DIMORPHOTHECA (African Daisy)

Useful for rock garden and edging, these daisy-like flowers make fine cut flowers but they tend to close at night.

Aurantiaca. Orange. Tr. Pkt. 25c Oz. \$1.85

Aurantiaca Hybrids. Mixed. Tr. Pkt. 20c Oz. \$1.00

DOLICHOS (Hyacinth Bean)

Purple. A desirable annual climber. Tr. Pkt. 15c Oz. \$1.00

DRACAENA INDIVISA

Long, narrow, gracefully arching green leaves. Very useful for window boxes, cemetery urns and bedding.

Tr. Pkt. 15c Oz. 50c 1/4 lb. \$1.65 Lb. \$5.50

DUSTY MILLER (See Centaurea) Page 13

ECHIUM

Blue Bedder. Deep blue flowers. Plants about one foot tall. Compact growth. Tr. Pkt. 20c 1/4 oz. 30c Oz. \$1.00

ESCHSCHOLTZIA (California Poppy)

Golden West. Yellow-orange center. Tr. Pkt. 15c Oz. 65c

Choice Mixed. All colors. Tr. Pkt. 20c Oz. 75c

EUPHORBIA

Heterophylla (Mexican Fire Plant) Tr. Pkt. 15c 1/4 oz. 40c

Variegata (Snow-on-the-Mountain) Tr. Pkt. 15c Oz. 60c

FEVERFEW (See Matricaria) Page 37

BOOKS EVERY FLORIST SHOULD OWN

The Album of Designs—Funeral Flowers. Handsome pictures of funeral pieces, many full-page size; assist greatly in taking funeral orders more quickly. 19th Edition. \$1.50

The Designer's Notebook. Up-to-date methods of arranging funeral work, wedding bouquets, corsages and table flowers. Illustrated. For beginners, and experienced designers. 3rd Edition. \$1.00

Vogue in Flowers (new edition). Contains many fine illustrations of the latest styling in wedding flowers, corsages, table decorations, etc. 7th Edition. \$1.50

Flower Craft by Patricia Easterbrook Roberts. An illustrated handbook of basic information on the care and use of flowers, covering bouquets, corsages, decorations, weddings, potted plants, arrangements, and all other elements of floristry for professional and amateur. \$2.75

The Complete Book of Flower Arrangement by F. F. Rockwell and Esther C. Grayson. A comprehensive volume on the art of flower arrangement. It is a direct, lucid step-by-step guide to making good floral displays. 89 Kodachrome reproductions and more than 100 black and white photographs, drawings and diagrams for making attractive displays. \$4.95

Garden Flowers in Color by Daniel J. Foley. A guide for the beginner

and a reference for the advanced gardener, it contains accurately colored photographs of all the important garden annuals, perennials, flowering trees and shrubs, vines and bulbs, together with identifying descriptions and concise cultural directions. 350 photographs in full color; 320 pages. \$2.95

Garden Bulbs in Color by McFarland, Hatton and Foley. A concise text describing each plant, evaluating its use for the average home garden, and giving the essential cultural information. Daffodils, tulips, lilies, dahlias, gladioli, hyacinths and a multitude of small spring bulbs are included. 275 color plates; 292 pages. \$3.49

Hortus II: A Concise Dictionary of Gardening by L. H. and Ethel Zoe Bailey. Easy to use, accurate, and non-technical, this great book comes closer than any other single volume to answering all your garden questions. It contains complete information on every kind of ornamental, fruit and vegetable plant grown today. 778 pages. \$7.50

10,000 Garden Questions. F. F. Rockwell, editor. Answered by 15 experts. Questions from amateurs with brief authoritative answers. Among them you will find the solution to your problems. Helpful diagrams and illustrations supplement the text. A quick action index places all the information at your finger tips. 1467 pages. Hundreds of specially drawn illustrations. \$4.95

A. B. C. Supreme Quality Flower Seeds

FORGET-ME-NOT (See *Myosotis*) Page 37

GAILLARDIA PICTA (Blanket Flower)

Dependable, profuse blooming plants 15 inches tall which stand dry, hot weather and produce brilliantly colored flowers. Excellent for cutting, beds and borders.

	Tr. Pkt.	Oz.
Indian Chief. Single. Brilliant brozny red.....	15c	\$1.00
Lorenziana. Single mixed.....	15c	1.00
Lorenziana. Double mixed.....	15c	1.00
Perennial Gaillardia. See page 36.		

GERBERA (See Perennial Seeds) Page 36

GILIA (Blue Thimble Flower)

Capitata Blue. Sky blue, round, thimble-shaped flowers which last well when cut. 2 ft. Tr. Pkt. 15c Oz. 65c

GLOXINIA

Generally sown in January, plants bloom within six months. The very small seed requires care in sowing.

Giant Victory. Strikingly beautiful velvety scarlet. Tr. Pkt. \$1.00
Hybrida Grandiflora. Choicest mixed. Tr. Pkt. \$1.00

GODETIA (Satin Flower)

Grow in shallow soil in the greenhouse. Outdoors this plant thrives in a cool moist location.

	Tr. Pkt.	Oz.
Duke of York. Scarlet on white.....	25c	\$1.75
Kelvedon Glory. Bright salmon-orange.....	25c	1.75
Purity. Clear white.....	25c	1.75

	Tr. Pkt.	Oz.
Dwarf Double		
Sybil Sherwood. Bright salmon-pink edged white.....	25c	2.00

	Tr. Pkt.	Oz.
Tall Double (Grandiflora)		
A.B.C. Choice mixed.....	15c	75c

GOMPHRENA (Globe Amaranth)

Mostly used for freshly cut flowers but they may be dried for winter bouquets.

	Tr. Pkt.	Oz.
Globosa		
Rubra. Purple	15c	\$1.00
Mixed.	15c	1.00

GOURDS (Ornamental)

The ripened fruits in a wide variety of shapes have become very popular for home decoration.

	Tr. Pkt.	Oz.	Small Varieties, Mixed.
Large Varieties, Mixed.	15c	45c	



Godetia Duke of York

GREVILLEA (Australian Silk Oak)

Robusta. Seeds should be sown in early spring with plenty of bottom heat and in a well drained, loose soil. Grown in a 60° house, 5-in. pot plants will be available by fall. Also, excellent in combinations where fine textured foliage is desired.

Tr. Pkt.	Oz.	\$1.80

GYPSOPHILA (Baby's Breath)

Free blooming plants of easiest culture. Desirable for cutting to mix with other flowers. Several plantings can be made during the season at intervals of ten days' time, in order to have a succession of bloom.

ELEGANS	Oz.	4 oz.	Lb.	5 lbs.
Covent Garden Market. Extra large flowered, full petaled—flowers having 6 to 8 petals instead of the usual 4 to 5.....	30c	85c	\$2.25	\$8.25

London Market Improved. Slightly taller than Covent Garden Market and later.	30c	65c	2.00	7.50
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Paris Market. Standard medium size flowered strain	25c	65c	2.00	7.50
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Carminea. Bright carmine-pink. Rather small flowered	(Tr. Pkt., 15c)	\$1.30
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Rosea. Delicate pink.....	(Tr. Pkt., 15c)	1.30
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Perennial Gypsophila. See page 36.				
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BOOKS EVERY FLORIST SHOULD OWN

Commercial Flower Forcing, by Alex Laurie and D. C. Kiplinger. Thorough treatise on growing crops in greenhouses for profit. Of special interest are chapters on greenhouse construction and heating, gravel culture, soils and fertilizers. 550 p., fifth edition. (1948). \$4.75

Soils and Fertilizers for Greenhouse and Garden, by Alex Laurie and D. C. Kiplinger. Covers soil aeration, water supply, nutrient supply, sterilization, cover crops and composts, fertilizers for greenhouse crops and for outdoor crops. 120 p., 19 illus. (1946). \$2.50

Garden and Greenhouse Chrysanthemums, by Alex Laurie and D. C. Kiplinger. Covers soils, fertilizers, gravel culture, greenhouse culture, insects and diseases, hardy chrysanthemums for the garden and breeding. 124 pages. (1946). \$2.50

Handbook of Fertilizers, by A. F. Gustafson. Source, composition, effects and application of commercial fertilizers. 172 pages, revised edition. \$2.00

Standard Cyclopedia of Horticulture, edited by L. H. Bailey. The one universal and invaluable authority on every horticultural question. It presents concisely but thoroughly all the kinds, characteristics, and methods of cultivation of the plants grown in the United States and Canada. A handsome three-volume set. 4000 illus.; 3,637 pages. \$37.50

Florist Crop Production and Marketing, by Kenneth Post. The application of scientific facts to production and marketing problems. Part 1: The florist business. Structure of plants. Production of new varieties. Temperature, light and growth. Effect of gases. Soils and fertilizers. Water uses and application. Propagation. Cut flowers. Potted plants. Part 2: Plant culture, marketing and practices for growing 167 different crops. Includes season and areas of production. 891 p., 427 illus. (1949) \$10.00

Commercial Floriculture, by Fritz Bahr. Fourth edition, revised and brought up to date. A practical manual for the retail grower. A guide for the all-around florist. Part I is devoted to opportunities and responsibilities of the florists' business. Part II has 300 pages of cultural information. Written by a retail grower of lifelong experience. 646 pages. Illustrated. \$6.00

Propagation of Plants, by M. G. Kains and L. M. McQuesten. Reference book for greenhouse and nursery work. Includes seed testing, layering, division, separation, rooting cuttings by growth-stimulating substances, greenhouse fumigation, grafting, budding, stock and scion handling, nursery management and pest control. 375 illus. 637 p. \$4.00



Morning Glory Crimson Rambler

HELICHRYSUM (Strawflowers)

Our strain produces large, perfect double flowers. Excellent for cut flowers, either fresh or in dried state. 2½ ft.

Fireball. Showy, deep crimson.	Salmon-Pink.
Golden Ball. Clear golden yellow.	Silver-Pink
Canary Yellow	White
Rose-Carmine	Violet
Rose-Pink	Mixed. All colors.

Tr. Pkt. 15c Oz. 90c

HELIOTROPE

Can be flowered from seed in four months. Very fragrant.

Lemoine's Giant. Excellent large flowering strain.

Tr. Pkt. 25c ¼ oz. 80c

HOLLYHOCK (Annual)

Indian Spring. Semi-double fringed flowers in shades of pink from bright rose to rosy carmine. Plants from seed sown in February will bloom freely in early August. 4 to 5 ft.

Tr. Pkt. 25c ¼ oz. 55c Oz. 1.80

PERENNIAL HOLLYHOCK. See page 37.

HUNNEMANNIA

FUMARIAEFOLIA (Bush Escholtzia)

Sunlite. Brilliant canary-yellow, semi-double.

Tr. Pkt. 25c ¼ oz. 45c Oz. 1.65

ICE PLANT (See Mesembryanthemum)

Page 22

IMPATIENS

Provide splendid pot plants for Christmas sales. Also useful for porch boxes and bedding if given partial shade. Our seed is imported from a European specialist.

Holstii Vermilion. Deep scarlet.

Holstii Hybrids Mixed. A fine mixture of the best colors.

Sultani Hybrids Mixed.

Tr. Pkt. 50c 1/32 oz. 65c 1/16 oz. 1.15

Sultani Dwarf Mixed. A fine range of bright colors. Plants are very dwarf.

Tr. Pkt. 1.00 1/32 oz. 1.85 1/16 oz. 3.35

IPOMEA (Morning Glory or Moonflower)

Blue Star. Flowers are large light blue with dark blue ribs which form a star. A new color combination.

Tr. Pkt. 35c ¼ oz. 75c Oz. 2.25

IPOMEA (Continued)

Cornell. Giant carnelian-red flowers with a pure white border.

Tr. Pkt. 25c ¼ oz. 50c Oz. \$1.50

Crimson Rambler. Very similar to "Scarlett O'Hara" but with white throat and heart-shaped leaves. Tr. Pkt. 20c Oz. 85c

Heavenly Blue. (Clark's Early Flowering). Very popular. Bright sky blue flowers 4 to 5 inches across with white and yellow throats. Will flower early in pots for spring sales.

Tr. Pkt. 15c Oz. 65c ¼ lb. \$2.00

Pearly Gates. Large flowers of clear satin white with cream throat. As vigorous and free flowering as Heavenly Blue with which it is often grown for contrast.

Tr. Pkt. 35c ¼ oz. 50c Oz. \$1.50

Scarlett O'Hara. A rich dark wine red. Flowers are not as large as Heavenly Blue but are good sized.

Tr. Pkt. 20c ¼ oz. 40c Oz. \$1.25

Noctiflora. (Moon Flower). A night bloomer which usually stays open until noon the next day. We offer both pink and white varieties.

Giant Pink **White Seeded**

Tr. Pkt. 15c Oz. 50c

KALANCHOE

An excellent pot plant possessing shades of brilliant scarlet flowers. Sow in January, may be flowered for Christmas with proper shading.

Brilliant Star. An intense bright red with flowers about three times the size of *Blossfeldiana* and borne well above the foliage, so that they may be used as cut flowers. Also, ideal for pots.

Tr. Pkt. \$1.50 1/128 oz. \$3.60 1/64 oz. \$6.75

Tom Thumb. Bright scarlet flowers cover the dwarf plants actually enveloping the entire plant starting at its base.

Tr. Pkt. \$1.25 1/64 oz. \$5.00 1/32 oz. \$9.00

Blossfeldiana (Globulifera Coccinea). Taller than the above varieties. Very bright scarlet. Tr. Pkt. 60c 1/64 oz. \$1.65

KOCHIA (Summer Cypress or Burning Bush)

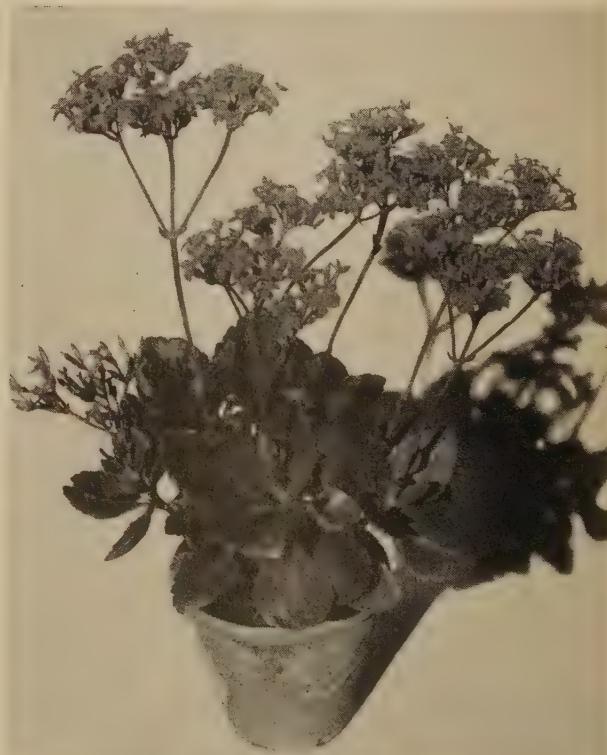
Childsii. Light green foliage, symmetrical oval plants. Fine for summer hedges. Turns carmine in fall. 3 ft.

Tr. Pkt. 10c Oz. 25c 4 oz. 75c

LANTANA

Desirable for bedding, pot culture, vases. Seed must be given bottom heat and sown early.

Dwarf Compacta, Mixed. Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.50



Kalanchoe Brilliant Star

Larkspur

In northern states an outdoor sowing in early September will give the best blooms in the Spring, however if sown as early in the Spring as the ground can be worked, fine spikes may be obtained. Sowings are usually made in January for a crop under glass.

The base branching types are the best for cutting. For supreme quality try the new Regal, Supreme or Super Majestic Strains.

REGAL

See them in color on the inside front cover.

Very long spikes of huge well spaced florets make this new strain of Florist's Market larkspur distinctive. Some flowering trials proved this strain to be superior.

Dark Blue	Pink	Rose	White	Regal Mixed
Tr. Pkt.....	50c	1/4 oz.....	95c	Oz..... \$2.70
4 oz.....				Lb..... \$27.00

SUPREME

A new base branching strain with a tremendous main flower spike formed by many fully double large flowers with broad petals closely spaced on the stem. Outstanding new colors.

Dark Blue.	Rich violet purple.	Salmon.	A true strong shade.
Lilac.	Clear lilac.	White.	A truly pure white.
Rose.	Pure, deep rose.	Supreme Mixture.	
Tr. Pkt.....	35c	1/2 oz.....	\$1.00 Oz..... \$1.80
4 oz.....			Lb..... \$18.00

SUPER MAJESTIC

The tallest of the base branching larkspur. Added height gives this type an advantage for outdoor growing. Plants are very vigorous and the flower spikes as well as the stems are very long.

Deep Salmon Pink	Lavender	Rose Pink	White
Super Majestic Mixed			
Tr. Pkt.....	35c	1/4 oz.....	55c Oz..... \$1.60
4 oz.....			Lb..... \$15.00

LOBELIA

The compact varieties are fine for beds, borders, edging and rock gardens. The trailing varieties are excellent in flower boxes, hanging baskets and pots. Enjoys semi-shade.

COMPACTA. 4-6 in.

Cambridge Blue. Light blue with green foliage.

Crystal Palace. Dark blue, dark foliage.

Blue Gown. Clear deep blue, without eye, fine compact habit.

Blue Stone. Re-selected. Large flowers, brilliant mid-blue.

Emperor William. Gentian blue, light foliage.

Mrs. Clibran Improved. Deep blue, white eye.

Pumila Splendens. Bedding Queen. Dark blue with white eye.

Tr. Pkt.....	25c	1/4 oz.....	85c Oz.....	\$3.00
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Finest Mixed. A wide variety of shades in the Compacta class.

Tr. Pkt.....	25c	1/4 oz.....	75c Oz.....	\$2.25
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PENDULA (Trailing).

Sapphire. Large deep navy-blue with white eye.

Hamburgia. Sky blue with a white eye.

Tr. Pkt.....	25c	1/4 oz.....	\$1.00
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PERENNIAL LOBELIA. See page 37.



You'll find the new types of Base Branching Larkspur the best.

IMPERIAL OR BASE BRANCHING

The standard strain. We list only the most called for varieties.

Blue Bell. Fairly deep blue. **Los Angeles Improved.** Salmon-rose.

Blue Spire. Very deep blue-violet. **Pink Perfection.** Soft pink.

Brilliant Rose. Deep salmon-rose. **Pink King.** Salmon-rose.

Gloria Improved. Bright rose-pink. **Sweet Lavender.** Lavender-blue.

Lilac King. Extra fine lilac shade. **White King.** The best clear white.

Lilac Queen. Rich lilac-lavender. **Finest Mixed.**

Tr. Pkt.....	25c	1/4 oz.....	45c Oz.....	\$1.10
4 oz.....			Lb..... \$3.65	

STOCK FLOWERED

Tr. Pkt.	Oz.	Lb.
Finest Mixed.....	25c	95c \$9.60

LOVE IN A MIST (See Nigella) Page 22

LUPINUS (Lupins)

A January sowing will flower in May. Lupines are difficult to transplant and should be sown in pots or in the beds where they are to bloom. They prefer lime free, moist soil and partial shade.

HARTWEGI GIANTS OR KING

An improved strain. 3 to 4 feet high, with base branching habit. Each plant produces from 4 to 6 spikes of bloom, which are much larger than the old type.

Dark Blue. Rich Oxford blue.

Heliotrope. Rosy purple.

Sky Blue. Clear light blue.

White. Glistening pure white.

Choice Mixed.

Tr. Pkt.....	20c	Oz.....	85c	Lb.....	\$8.00
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HARTWEGI STANDARD VARIETIES

Pink	Rich Blue	Sky Blue	White	Mixed
Tr. Pkt.....		15c	Oz.....	75c

PERENNIAL LUPIN. See page 37.

A. B. C. Supreme

TALL AFRICAN

✓ On this page we've checked the most popular varieties for cutting.

For your convenience we have classified the African type according to flower form. The tall varieties are fine for cutting while the medium tall varieties such as Happiness make fine bedding plants.

ALL DOUBLE BALL (*Fistulosa*)

A very fine tall branching strain with large, quilled type flowers which are almost 100% double. Very popular for indoor forcing in the spring. About 2½ feet.

- ✓ **Orange.** An exceptionally fine cut flower with long stiff stems. Color is brilliant orange.
- ✓ **Lemon.** Has the same large ball shaped flowers as the above but they are light yellow in color.
- All Double Mixed.** A fine blend of the above two varieties with some varying shades of lemon and orange.

Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.65 4 oz. \$5.25

CARNATION FLOWERED

Odorless Foliage.

- ✓ **Burpee Gold Improved.** Large double rich deep orange flowers. Excellent for cutting. 2½ feet.

Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.65

- Canary Bird.** Very free flowering. Bright canary yellow. Long, strong stems. 2 feet.

Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.65

- Frills.** Large golden orange flowers with beautifully waved and frilled petals. Fine for borders or cutting. 2 feet. Tr. Pkt. 35c

1/4 oz. 90c Oz. \$2.75

Normal Foliage.

- Guinea Gold.** Rich bright golden orange loose petaled flowers on fine long stems. The first of this type to be introduced and still a favorite. 3 ft.

- ✓ **Yellow Supreme.** Creamy lemon-yellow blooms 2 to 3 inches across, with broad, loosely placed frilled petals. Good stems for cutting. 2½ feet.

Tr. Pkt. 20c 1/4 oz. 50c

Oz. \$1.65 4 oz. \$5.35

CHRYSANTHEMUM FLOWERED

Flowers have incurved petals which in some varieties form finely cut florets closely entwined in true Mum form.

- ✓ **Firefly.** A large flowered deep glowing orange with deeply lacinated incurved petals. Especially suited for cutting. 26 inches. Tr. Pkt. 40c 1/4 oz. \$1.00 Oz. \$3.00

- Golden Bedder.** Extra early bright golden orange flowers, about 3 inches across. Plants are very symmetrical. 14 inches. Tr. Pkt. 25c

1/4 oz. 55c Oz. \$1.85

- ✓ **Goldsmith (Mission Giant).** Giant Mum type flowers of rich golden orange, 3 inches across. Exceptional keeping qualities. Outstanding for culture indoors or out. 18 inches. Tr. Pkt. 30c

1/4 oz. 65c Oz. \$2.00

- Happiness.** Similar to Golden Bedder except that it is lively golden yellow. Very free flowering, bushy plants. 16 inches. Tr. Pkt. 35c

1/4 oz. 65c Oz. \$2.00

- Limelight.** Soft primrose-yellow petals which are very much curled and interlaced. An early, profuse bloomer. 20 inches. Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.85

- ✓ **Mammoth Mum.** The largest flowered variety in this class. The large, fluffy light sulfur yellow blooms are borne on long stiff stems. 30 inches. Tr. Pkt. 35c 1/4 oz. 85c Oz. \$2.65

- Yellowstone (Mission Giant).** Rich clear yellow with base branching habit. Produces strong long stems for cutting. May be used for Spring forcing. 2 feet. Tr. Pkt. 30c 1/4 oz. 65c Oz. \$2.00

- Mission Giant Mixed.** A fine mixture. Golden orange to lemon yellow. 18 inches to 2 feet. Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.85

Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.85

GIGANTEA — Dwarf

These are almost as large flowered as the tall varieties, but the plants are of compact habit. Free flowering and early.

- Pot O'Gold.** Deep golden orange blooms. 12-15 in.

Tr. Pkt. 15c 1/4 oz. 30c Oz. \$1.00

- Little Giants Mixed.** Shades of yellow to very bright orange. Flowers vary from the informal carnation type to the perfect *Fistulosa* ball type. Very compact habit. 10 to 15 in.

Tr. Pkt. 25c 1/4 oz. 60c Oz. \$1.80

FOR INCREASED SALES—OFFER PLANTS
OF THE NEW AND IMPROVED
VARIETIES.

GIGANTEA — Tall

A remarkable sweet scented, robust growing and extremely large flowered type. Some of the largest flowers in the marigold class.

- ✓ **Orange Sunset.** Rich, deep, lively orange. Very double flowers. Plants are of strong growing, upright branching habit. Makes a fine cut flower under glass. 3 feet.

Sunset Giants. An excellent mixture of colors ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow to primrose. 3½ feet.

Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.75

✓ **Colorado Sunshine.** Luminous golden yellow flowers with ruffled and wavy petals. Long strong stems plus its versatility as a winter, spring and outdoor crop, make this variety outstanding. See full description and culture page 4.

Tr. Pkt. 50c 1/4 oz. \$1.25 Oz. \$4.00

For Bedding

Borders

Cutting

Quality Marigolds

DWARF FRENCH

✓ On this page we've checked the most popular varieties for bedding.

French Marigolds do best in soil of medium or low fertility. Highly fertile soil may cause them to go to foliage.

SINGLE FLOWERED

Fire Cross. Deep golden yellow with mahogany center. Nice compact habit. 12 to 14 inches.

Tr. Pkt. 15c Oz. 70c

Legion of Honor. An old favorite. Lemon yellow with mahogany center. 12 to 14 in. Tr. Pkt. 15c

1/4 oz. 35c Oz. 70c

The following recent introductions are far superior to the older varieties, producing larger bright colored flowers, earlier and more freely. While generally used for edging and borders, they also make fine short stemmed cut flowers. Some such as Naughty Marietta are effective in corsages.

✓ **Flash.** Color ranges from vivid red through bronze with occasionally a few yellows. The base color of tangerine is overlaid with rich marigold red. 18 in. Tr. Pkt. 35c
1/4 oz. 65c Oz. \$1.85

✓ **Naughty Marietta.** Rich golden yellow petals attractively marked maroon at the base. 2 inch flowers are produced early and freely on compact plants. Well liked wherever it has been grown. 1 foot. Tr. Pkt. 35c
1/4 oz. 85c Oz. \$2.60

✓ **Red Head.** Large crested flowers 2 inches across, with broad, overlapping petals. Mahogany color, changing to cinnabar and later to bronze. Blooms early and continues throughout summer. Excellent for low borders. 1 ft. Tr. Pkt. 35c 1/4 oz. \$1.00 Oz. \$3.00

DOUBLE FLOWERED

Very popular for edging, bedding, rock gardens and borders. Many will flower early in small pots or plant bands and are very attractive when sold alone or in combinations.

✓ **Butterball.** Light yellow scabiosa-like flowers with crested center petals very slightly tinged maroon. Plants are very compact. 6 to 10 in. Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.85

Scarlet Glow. Flowers open deep scarlet and turn with age to orange-scarlet. The brightest red in this class. Very bushy. 10 inches. Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.55

Eldorado. A live pleasing canary-yellow tinted slightly deeper toward the center. An early bloomer. 10 inches. Tr. Pkt. 35c
1/4 oz. 60c Oz. \$2.00

Spotlight. Brilliant yellow bordered with striking velvety dark mahogany-red petals. Very early and compact. 12 to 14 inches. Tr. Pkt. 20c 1/4 oz. 40c Oz. \$1.25

Golden Harmony. Glowing golden yellow flowers which are similar in form to Harmony as is the plant habit. 11 inches. Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.85

✓ **Spry.** One of the most profuse bloomers in this class. The bright yellow crested centers are surrounded by several rows of mahogany-red guard petals. Very attractive. Quite resistant to heat. 9 inches. Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.85

✓ **Harmony Improved.** Flowers have fluted deeply cut, golden orange center petals and maroon-red outer petals. Quite striking and distinct. 12 inches. Tr. Pkt. 15c
1/4 oz. 30c Oz. \$1.00

✓ **Sunkist.** Very attractive deep orange flowers with crested centers. Very dwarf and compact. 6 to 8 inches. Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.85

Harmony Hybrids. A very colorful mixture of double crested flowers in orange and yellow shades with many blotched and striped combinations. 12 to 14 inches. Tr. Pkt. 15c
1/4 oz. 30c Oz. \$1.00

✓ **Yellow Pygmy.** Sparkling lemon yellow. Very dwarf bushy plants. While used mostly in pots and for edging, the whole plant when cut makes an effective bouquet. 6 inches. Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.85

Melody. Harmony-type flowers, 1 1/4 inches across of clear golden orange. Uniform habit, early and continuous bloomer. 12 to 15 inches. Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.55

✓ **Finest Mixed.** An excellent mixture of all varieties. Tr. Pkt. 20c 1/4 oz. 45c Oz. \$1.35

MISCELLANEOUS TYPES

Burpee Red and Gold Hybrids. A cross between African and French Marigolds. Very double 2 1/2 inch flowers. Range in color from solid red to combinations of red and gold. Varying with the season. Fine for bedding and cutting. 1 1/2 to 2 feet.

Tr. Pkt. 50c 1/4 oz. \$2.25

Aurora (Gaillardia Flowered). Deeply fringed petals of deep golden yellow form flowers resembling double annual Gaillardias. Early flowering. 12 to 14 inches.

Tr. Pkt. 40c 1/4 oz. \$1.00 Oz. \$3.00

Gnome (Tagetes Signata Pumila). Large flowered golden yellow. Fine for pots and edging. Foliage is very finely cut and fern-like. 6 inches. Tr. Pkt. 25c
1/4 oz. 50c Oz. \$1.50

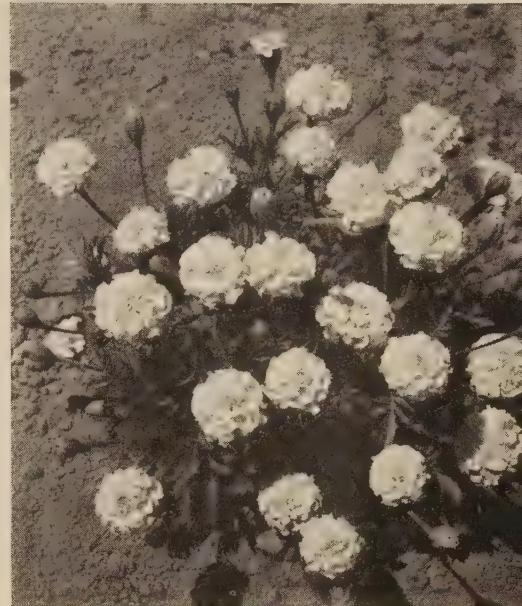
WINTER FLOWERING

Especially suited for winter cut flowers. Will not flower in the summer. Sowings may be made from August on into late fall.

Lieb's Winter Flowering. Golden yellow crested center with mahogany guard petals.

Winter Harmony. Golden orange, crested center with reddish brown guard petals.

Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.65



Yellow Pygmy ↗

↖ Harmony Hybrids





Nasturtium Golden Gleam

MARVEL OF PERU (Four O'clock)

Bright colored flowers which open in the afternoon or all day on cloudy days. Very easily grown most anywhere. An old favorite. 2 ft.

Mixed Colors. Tr. Pkt. 15c Oz. 40c

MATTHIOLA

Bicornis. Evening-scented stock, purplish-lilac flowers. 15 inches.

Tr. Pkt. 15c Oz. 75c

MESEMBRYANTHEMUM

Criniflorum (Livingston Daisy). Flowers in a variety of color cover the dwarf spreading plants. Give it a sunny location and plenty of water.

Tr. Pkt. 35c 1/8 oz. 70c 1/4 oz. \$1.25

Crystallinum (Ice Plant). White flowers. Foliage is covered with globules which resemble ice. Excellent for a dry, sandy location.

Tr. Pkt. 20c 1/4 oz. 55c

MIGNONETTE

Sow in August for a winter crop and in January for a spring crop. Water carefully and grow cool. 1 ft.

	Tr. Pkt.	1/4 oz.	Oz.
New York Market. For forcing	65c	\$1.50	...
Matchet. Golden Goliath	15c	.30	\$1.00
Matchet. Goliath Red	15c	.30	1.00
Sweet Scented. Large flowering	10c	....	.20

MIMOSA (Sensitive Plant)

Pudica. Tr. Pkt. 25c Oz. \$1.25

MIMULUS

Moschatus (Musk Plant). Flowers are pale yellow with small brown blotches. Tr. Pkt. 35c

Tigrinus (Monkey Flower). Tr. Pkt. 35c

MORNING GLORY (See Ipomoea) Page 18

NASTURTIUM

DOUBLE GLEAM TYPE. Large sweet-scented, double flowers on vigorous semi-tall plants. May be trained on wire or string. Fine for cutting, lasting well in water.

Golden Gleam. Golden yellow	Scarlet Gleam. Orange scarlet
Orange Gleam. Deep orange	Gleam Hybrids. A colorful mixture
Oz. 25c	4 oz. 75c
Lb.	\$2.50

DWARF DOUBLE FLOWERED. Plants are compact and bushy. Flowers are large and sweet scented. Nice long stems. 1 ft.

Finest mixed. An excellent range of colors.	Oz. 25c	4 oz. 75c
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SINGLE FLOWERED. These are the old-fashioned type having only 5 petals instead of 8 to 10 petals like the doubles.

Dwarf mixed. 1 ft.	Tall (Trailing) Mixed. 18 in. to 4 1/2 ft.
Oz. 20c	4 oz. 60c
Lb.	\$2.00

NEMESIA

Showy, free flowering plants for borders, rock gardens and edging. Do best in cool weather.

GRANDIFLORA. The tall class. Fine for early spring cutting. 14 in.	Tr. Pkt. 25c	1/4 oz. 80c	Oz. \$2.65
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NANA COMPACTA. The dwarf compact growing type. Fine for spring pot plants or combination boxes. 10 in.	Tr. Pkt. 25c	1/4 oz. 80c	Oz. \$2.65
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NICOTIANA (Flowering Tobacco)

	Tr. Pkt.	Oz.
<i>Affinis</i> . Fragrant, white. 2 1/2 ft.	15c	\$0.75
<i>Affinis Hybrids</i> . Brilliant shades of rose, red, crimson and creamy white. 2 1/2 ft.	20c	.65
<i>Crimson Bedder</i> . Rich deep crimson. 15 in.	25c	1.90
<i>Sanderae</i> . Crimson King. 2 1/2 ft.	20c	.85

NIEREMBERGIA

Plants form a dense mat and are covered with beautiful cup-shaped flowers all summer. Does best in full sun and sandy soil. Blooms in about 15 weeks from seed.

<i>Hippomanica, Coerulea</i> . Lavender blue. 6 to 8 inches.	Tr. Pkt. 50c	1/16 oz.	\$2.00
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Purple Robe. Violet blue flowers which do not fade in hot sun. 6 in.	Tr. Pkt. 50c	1/32 oz. \$1.75	1/16 oz. \$3.25
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NIGELLA (Damascena)

Miss Jekyll. Double blue. 18 inch. Tr. Pkt. 25c	Oz. \$1.00
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Nierembergia Purple Robe

PANSY SEED

A. B. C. De Luxe Mixture

The world's finest strain of fancy pansies composed of seed which is hand picked from individual plants selected for the largest sized flowers in the richest and most varied colors including beautiful shades of red.

This DeLuxe mixture will bring you top prices in spring plant sales and produces excellent cut flowers as well.

Tr. Pkt.....	75c	1/8 oz.....	\$1.75
1/4 oz.....	\$3.00	Oz.....	\$10.00
		4 oz.....	\$35.00

SWISS GIANT

Alpenglow. Rich wine shades with large dark blotch.

Berna. Dark velvety violet-blue, excellent quality.

Coronation Gold. Canary yellow with lower petals flushed golden orange.

Giant Orange. Pure bright orange. Originator's seed. Packets only.

Lake of Thun (Ullswater, Thuner Sea.) A solid blue with dark blue blotches.

Rheingold. Canary yellow with dark blotches.

White (Mont Blanc.) The finest Giant pure white.

Tr. Pkt.....	50c	1/4 oz.....	\$3.00	1/2 oz.....	\$5.50	Oz.....	\$10.00
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Raspberry Rose. A distinct new color in the Swiss type having soft pink flowers with deeper colored blotches.

Tr. Pkt.....	\$1.00	1/8 oz.....	\$2.00	1/4 oz.....	\$3.50	Oz.....	\$12.00
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Super Swiss Giants. A very fine mixture noted for its immense size blooms. The texture of the flowers is unexcelled. Selected for their distinctive markings, many blooms are attractively ruffled.

Tr. Pkt.....	75c	1/4 oz.....	\$2.75	1/2 oz.....	\$4.75	Oz.....	\$9.00
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Dwarf Swiss Giants. Choice Mixed. Similar to above, but, with dwarf compact habit of growth.

Tr. Pkt.....	75c	1/4 oz.....	\$2.25	1/2 oz.....	\$4.25	Oz.....	\$8.00
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POPULAR MIXTURES

Engelman's Giant Mixture. An early flowering strain of giant pansy. The growth is very compact. Large flowers are produced on heavy stems. Originator's seed.

Tr. Pkt.....	75c	1/4 oz.....	\$3.50	1/2 oz.....	\$6.50	Oz.....	\$12.00
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Grown from originator's seeds.

Tr. Pkt.....	50c	1/4 oz.....	3.00	1/2 oz.....	\$5.50	Oz.....	\$10.00
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Maple Leaf Giants. One of the largest flowering strains of Giant Pansies.

Tr. Pkt.....	75c	1/4 oz.....	\$2.75	1/2 oz.....	\$4.75	Oz.....	\$9.00
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Super Maple Leaf Giants (Canadian Giant). An improved strain with huge flowers.

Tr. Pkt.....	90c	1/4 oz.....	\$3.00	1/2 oz.....	\$5.50	Oz.....	\$10.00
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Geneva Giants. Growers report that this strain has a fine selection of rich colors. Compact in habit of growth.

Tr. Pkt.....	75c	1/4 oz.....	\$2.25	1/2 oz.....	\$4.25	Oz.....	\$8.00
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Oregon Giants. Immense ruffled blooms produced on long, strong stems with luxuriant foliage. Wide range of colors. Delicately fragrant.

Tr. Pkt.....	75c	1/4 oz.....	\$3.50	1/2 oz.....	\$6.00	Oz.....	\$12.00
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America. An extremely bright mixture, early flowering and dwarf, with a good variety of colors. Especially desirable for basket sales.

Tr. Pkt.....	75c	1/4 oz.....	\$2.75	1/2 oz.....	\$4.75	Oz.....	\$9.00
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A few A.B.C. De Luxe Pansies

Steele's Strain

BUTTERFLY HYBRIDS

A fine mixture of the most unusual pastel shades. Many are ruffled, frilled, fluted, and marked with sunrays and blotches of butterfly sheen metallic jewel tones. The substance is superb and the stems are long.

Tr. Pkt. (600 seeds) ..	\$1.75	1/16 oz....	\$3.00	1/8 oz....	\$5.00	1/4 oz....	\$9.00
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JUMBOS

"Pay Dirt." The largest golden yellow ever produced. Blooms have dark rays or tiny dark faces. Resistant to summer heat.

Tr. Pkt. (600 seeds) ..	\$1.75	1/16 oz....	\$3.00	1/8 oz....	\$5.00
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Jumbo Beaconsfield. A greatly improved true Beaconsfield type. Upper petals rich lavender, lower deep violet. No blotch. Supply limited.

Tr. Pkt. (600 seeds) ..	\$1.00	1/4 oz....	\$4.75	1/2 oz....	\$8.00	1 oz....	\$16.00
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Jumbo Mixed. Flowers up to five inches in diameter. Many new and unique colors. Fine form, heavy substance, long strong stems, fine for cutting and forcing. Very early.

Tr. Pkt. (600 seeds) ..	\$1.00	1/8 oz....	\$3.00	1/4 oz....	\$5.00	1/2 oz....	\$9.00
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SWISS

Sea Blue. A genuine blue pansy with darker blotch. Very uniform in color with good size and substance.

Tr. Pkt. (800 seeds) ..	\$1.00	1/4 oz....	\$3.50	1/2 oz....	\$6.50	1 oz....	\$12.00
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Gorgeous Red. The reddest pansy ever produced with a deeper red blotch.

Tr. Pkt. (800 seeds) ..	\$1.75	1/16 oz....	\$2.50	1/8 oz....	\$4.00
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Super Swiss "400" Mixed. A strain of the finest known Swiss types grown in a perfectly balanced mixture. Flowers are beautifully blotched and often bordered in contrasting hues.

Tr. Pkt. (800 seeds) ..	\$1.00	1/4 oz....	\$4.00	1/2 oz....	\$7.50	1 oz....	\$14.00
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GIANT PANSIES—Separate Colors

Cardinal. Bright scarlet.

Lord Beaconsfield. Pure violet.

Emperor William. Blue.

Snow Queen. Pure white.

King of the Blacks.

St. Knut. Apricot, very choice.

Golden Queen. Pure yellow.

Art Shades. Mixed.

Tr. Pkt.	35c	1/4 oz....	\$1.50	1/2 oz....	\$2.75	Oz....	\$5.00
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A. B. C. GIANT WINTER-FLOWERING

Mixture. Plants grow 2 1/2 to 3 1/2 feet high, with six to eight strong upright stems bearing numerous good sized blooms on flower stems 10 to 12 inches long. The color range is excellent.

Tr. Pkt.	\$1.00	1/8 oz....	\$2.50	1/2 oz....	\$4.85
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**Petunia Bright Eyes**

✓ **Admiral Improved.** Considered the choicest of all the dwarf blue bedding Petunias. Flowers are medium size and beautifully ruffled. Exceptional for bedding or pots. Tr. Pkt. 75c 1/64 oz. \$1.55
1/32 oz. \$2.85 1/16 oz. \$5.50 1/8 oz. \$9.00

Blue Bedder. Mid blue. Contains very little violet shading. Vigorous medium dwarf. Tr. Pkt. 35c 1/4 oz. \$1.25 Oz. \$3.85

✓ **Bright Eyes.** Soft light rose-pink with white throat flowers cover the very dwarf uniform plants. Tr. Pkt. 35c 1/8 oz. \$1.00 1/4 oz. \$1.85 Oz. \$6.00

✓ **Celestial Rose Improved.** Deep rose. One of the most popular with the trade. Tr. Pkt. 50c 1/8 oz. \$1.00
1/4 oz. \$1.75 Oz. 6.00

✓ **Cheerful.** Clear salmon-pink. Medium large flowers are produced abundantly on vigorous low spreading plants. Tr. Pkt. 50c 1/16 oz. 90c 1/8 oz. \$1.60 1/4 oz. \$3.00

"REGULAR" OR TALL HYBRIDS (Petunia *Hybrida*)

These make a rather heavy spreading growth but not quite as much as the Balcony type. Plants bear many medium-sized plain edged single flowers even under the most trying weather and soil conditions. Ideal for bedding and borders. 20 to 24 inches.

Blue Bee. Bright violet-blue. Very similar to *Viola Jersey Gem* in color. Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.75

Flaming Velvet. Deep velvety blood red. Tr. Pkt. 35c 1/4 oz. \$1.00 Oz. \$3.25

Howard's Star Improved. Rich reddish purple, starred and blotched white. Quite tall. Tr. Pkt. 45c 1/4 oz. \$1.20 Oz. \$3.50

Mars. Large flowered, deep crimson. Tr. Pkt. 40c 1/4 oz. \$1.10 Oz. \$3.35

Radiance. Bright cerise-rose with underlying salmon which intensifies its brilliance. Golden yellow throat. Tr. Pkt. 40c 1/4 oz. \$1.10 Oz. \$3.35

Topaz Rose. Deep brilliant fiery rose. Topaz throat. Tr. Pkt. 35c 1/4 oz. \$1.00 Oz. \$3.25

DWARF HYBRID PETUNIAS

(*P. Hybrida Nana Compacta*)

Most Widely Used Class for Bedding, Combination Work, and for Attractive Small Pot Plants

The dwarf compact habit and profuse blooming of this class makes them easily adaptable to wide and varied uses. Offer these to your customers by the flat, 12 to 16 inches.

✓ **We've checked the best bedding varieties.**

Cream Star. Soft creamy white. Flowers bluntly star shaped. Tr. Pkt. 35c 1/8 oz. \$1.15 1/4 oz. \$2.00

English Violet. The same pleasing shade of violet blue as the violet for which it was named. Tr. Pkt. 50c 1/8 oz. \$1.15 1/4 oz. \$2.00

✓ **Fire Chief (New).** All-American Gold Medal winner 1950. Brilliant scarlet red. A new color in this class. Featured in color on our front cover and fully described on page 3. Tr. Pkt. 50c 1/32 oz. \$1.25 1/16 oz. \$2.25 1/8 oz. \$4.00

Glow. Striking carmine red. One of the richest colors in the class. Doesn't fade. Tr. Pkt. 35c 1/16 oz. \$1.25 1/8 oz. \$2.00 1/4 oz. \$3.75 Oz. \$13.50

Glowing Rose. Very brilliant rose with large flowers. Uniform well-rounded plants. Very early. Tr. Pkt. 75c 1/8 oz. \$2.00 1/4 oz. \$3.50

Heavenly Blue. Medium to light silvery blue. Tr. Pkt. 35c 1/8 oz. 95c 1/4 oz. \$1.65 Oz. \$4.95

Igloo. Creamy white, 1 1/2 inch flowers with pale yellow throats cover the uniform compact plants. Tr. Pkt. 50c 1/8 oz. \$1.10 1/4 oz. \$2.00

✓ **King Henry.** Rich velvety red. Uniform dwarf and large flowered. Outstanding for pot plants. Tr. Pkt. 50c 1/32 oz. \$1.30 1/16 oz. \$2.50 1/8 oz. \$4.35 1/4 oz. \$7.85

Rose of Heaven. Brilliant rose pink. Tr. Pkt. 35c 1/4 oz. 75c Oz. \$2.65

Rosy Morn Improved. Clear rose-pink with white throat. An old favorite. Tr. Pkt. 35c 1/4 oz. 75c Oz. \$2.65

Snow Queen. Dwarf pure white. Vigorous and free flowering. Tr. Pkt. 35c 1/4 oz. \$1.00 Oz. \$3.65

✓ **Snow White.** Its compact floriferous habit admirably suits border and pot plant requirements. Tr. Pkt. 35c 1/4 oz. \$1.00 Oz. \$3.50

✓ **Topaz Queen.** This brilliant scarlet rose Petunia is one of the brightest colors in the bedding class. Tr. Pkt. 35c 1/4 oz. \$1.75 Oz. \$6.00

Twinkles. Small flowered, bright rose, starred white. Tr. Pkt. 25c 1/4 oz. 65c Oz. \$2.20

Velvet Ball. Large flowered velvety crimson. Dwarf spreading habit. Excellent for bedding. Tr. Pkt. 50c 1/32 oz. \$1.40 1/8 oz. \$4.50

Violacea. Fairly dwarf rich violet-blue. Tr. Pkt. 35c 1/4 oz. \$1.25 Oz. \$3.50

Violet Blue. Rich violet with a bright blue cast. Tr. Pkt. 35c 1/8 oz. 85c 1/4 oz. \$1.50 Oz. \$5.00

Finest Dwarf Mixed. A special formula mixture. Tr. Pkt. 30c 1/4 oz. 80c Oz. \$2.75

REGULAR HYBRIDS (Continued)

White. Clear, pure white. Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.85

Exquisite Mixture. A formula mixture made up of the finest varieties. Tr. Pkt. 25c 1/4 oz. 65c Oz. \$2.35

BALCONY PETUNIAS (*Petunia Hybrida Pendula*)

Strong spreading growth and large single plain edged flowers make the Balcony type excellent for bedding, porch and window boxes. 18 to 24 inches.

Black Prince. Deep mahogany-red. A much darker red than crimson. Tr. Pkt. 35c 1/8 oz. \$1.00 1/4 oz. \$1.80

Cornflower Blue. Mid-blue shade.

Crimson	Rose	White	Mixed
Tr. Pkt. 35c	1/4 oz. \$1.35	Oz.	\$4.50

Choice Petunias for Pots and Bedding

RUFFLED CALIFORNIA GIANTS

(*Hybrida grandiflora superbissima*)

The flowers in this class are deeply ruffled and have large wide open, artistically veined throats. Highly esteemed as pot plants and for window boxes as well as bedding.

A.B.C. "Private Stock" (Dwarf). You will find this blend of California Giants highly desirable in 3-inch or 4-inch pots for Easter and early Spring sales. This strain is noted for its uniformly dwarf habit of growth and a high percentage of large, attractive flowers in a wide range of colors, including the lighter pinks and roses as well as the popular dark shades and bi-colors.

Dark Shades	Light Shades	Mixed		
1/2 Tr. Pkt. 1/64 oz.75c \$2.50	Tr. Pkt. 1/32 oz.	\$1.25 \$4.50	1/16 oz. \$8.00

Ramona Strain Dwarf Giant. Huge Giants of California flowers on dwarf, sturdy plants especially bred for pot plant culture; evenly and attractively ruffled, and of colors unsurpassed in Petunias. A most desirable strain.

1/2 Tr. Pkt. 1/64 oz.60c \$1.75	Tr. Pkt. 1/32 oz.	\$1.00 \$3.00	1/16 oz. \$5.50
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Separate Colors

Copper Red (Dark). Copper red with dark throat. Some flowers measure 5 to 6 inches across.

Tr. Pkt.75c	1/64 oz.	\$1.35	1/32 oz.	\$2.65
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Glamour. Large salmon-rose flowers with brown veining on white throat. A very free bloomer.

Tr. Pkt.75c	1/64 oz.	\$1.75
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Marilyn (Salmon Beauty). Brightest salmon pink. Varies from dark to light shades. Tr. Pkt.75c 1/64 oz. \$1.75

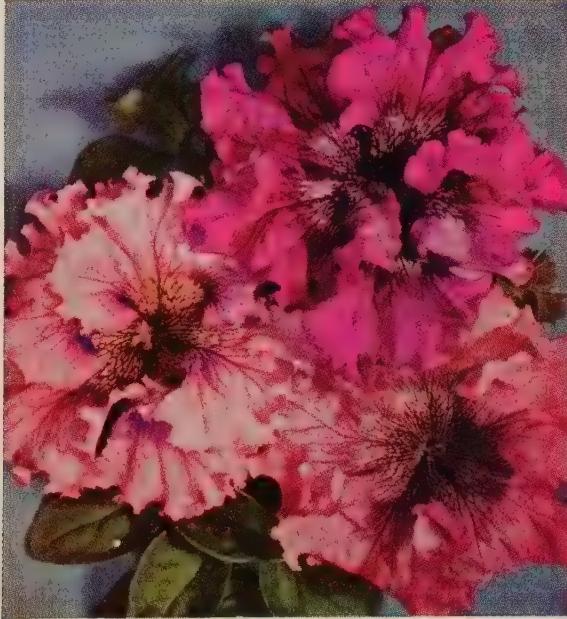
Prince of Wuerttemberg. Deep red with dark throat.

Tr. Pkt.75c	1/64 oz.	\$1.50
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Princess of Wuerttemberg. Rose Pink with veined dark throat.

Tr. Pkt.75c	1/64 oz.	\$1.50
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Salmon Rose Shades. A special florist's mixture containing only the choicest salmon rose shades. Tr. Pkt.75c 1/64 oz. \$1.50



"RAMONA STRAIN"



A. B. C. PRIVATE STOCK

DWARF RUFFLED

Martha Washington. Nicely ruffled; light pink with dark veined throat; extra compact. 12 inches. Tr. Pkt.35c 1/32 oz. \$1.25

Garden Giants. An outstanding mixture containing a wide variety of bright color combinations. Plants form uniform well rounded mounds. Early flowering and continue until frost. Flowers hold their size and ruffling under adverse conditions. 12 to 15 inches. Tr. Pkt.15c 1/32 oz. \$2.50 1/16 oz. \$6.00

Little Giants. A new and desirable addition to Petunias. The plants are very compact and erect growing and literally covered with blooms when in full flower. The flowers are medium sized and well ruffled. Color ranges from a combination of pink and white to red and white. Excellent for either border or pots. 10 to 12 inches. Tr. Pkt.75c 1/64 oz. \$1.40 1/32 oz. \$2.50 1/16 oz. \$4.50

LARGE FLOWERING SINGLE FRINGED

(*Hybrida grandiflora fimbriata*)

A.B.C. Fringed Snowstorm. Glistening white with a touch of yellow in throat. Abundant producer of medium to medium heavy fringed flowers, 2 1/2 to 3 inches in diameter. Ideal for pots or bedding

1/2 Tr. Pkt. ....	.65c	Tr. Pkt.	\$1.00
1/64 oz.	\$2.25	1/32 oz.	\$3.75

Dainty Lady. Dark cream color. Contains the most yellow of any Petunia. Desirable as a pot plant, not however, recommended for bedding.

Tr. Pkt.50c	1/64 oz.	\$1.50
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Fluffy Ruffles. An excellent mixture containing many veined and bi-color shades not offered in separate colors. Flowers are fringed with many so heavily ruffled that they almost have the appearance of doubles.

Tr. Pkt.50c	1/32 oz.	\$1.50	1/64 oz.	\$2.50
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Pink Triumph. Fine clear rose-pink with golden throat.

Tr. Pkt.50c	1/64 oz.	\$1.40	1/32 oz.	\$2.60
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Scarlet Beauty. Bright scarlet rose with deep crimson veins. Deeply frilled.

Tr. Pkt.50c	1/4 oz.	\$1.65
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Theodosia (Reselected). Beautiful rose-pink with golden yellow throat. One of the choicest and largest rose Petunias available, either for pot plants or bedding.

Tr. Pkt.50c	1/64 oz.	\$1.40	1/32 oz.	\$2.50
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White Beauty. Fringed clear white. Excellent for bedding.

Tr. Pkt.50c	1/64 oz.	\$1.25	1/32 oz.	\$2.00
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White Mound. A fine fringed white with very uniform bushy habit. A recent introduction. Tr. Pkt.75c 1/64 oz. \$1.75 1/32 oz. \$3.00

A.B.C. Single Fringed Mixed. This is an extra free flowering, medium dwarf fringed Grandiflora strain. We strongly recommend it for growing young stock in flats and for bedding. Tr. Pkt.50c 1/32 oz. \$1.50 1/16 oz. \$2.50

A. B. C. PETUNIAS and DISTING

All-Double Strains from Le

Unexcelled for pot plants and bedding, they are highly sought after. See how vigorous and showy a bed of All-Double Petunias will be for them.

VICTORIOUS STRAIN (Sakata)

This was the first all double strain and today contains a wider range of separate colors than any of the others. The originator is constantly striving to improve them.

New and Greatly Improved Varieties

Amaranth Red. Large, Amaranth-red, well fringed flowers produced on plants of extra dwarf habit.

Fantasy. Rich velvety violet blue and white. Produces a few small flowered doubles.

Illumination. Bright red with scarlet sheen. Brighter and more uniform than World Beauty. The brightest of all Victorious Petunias. Very large flowers of well fringed form.

Mayflower. Soft, delicate rose with deeper colored veining. One of the best soft pinks. Flowers are very large and well fringed.

Orange (Salmon). The nearest to orange in Petunias. Flowers are well fringed. Produces some small flowered doubles.

Orchid Beauty Improved. Color varies from clear light blue to orchid. This strain is more dwarf and floriferous than the original. 10 inches.

Silver Blue. Clear blue without veins. Plants are compact and in every way most desirable.

Purple Glow (New). Deep glowing purple shaded velvety blue. The best true purple in the Victorious strain. Plants are uniform dwarf producing a few small flowered doubles. Inclined to show a little white variegation early in the season.

1/2 Tr. Pkt. (400 seeds) \$2.25 Tr. Pkt. (800 seeds) \$4.00

Petunia America



Victorious Strain—Loveliness

Standard Varieties

Attraction. Rich bright rose with sharp contrasting variegation of pure white. 100% double flowering with no small flowered doubles. Very uniform dwarf bushy habit.

Blue Brocade. True violet blue. Stocky growth with high percentage of fully double flowers. 10 inches.

Gaiety. Light rose-red with variegated white markings. Early flowers are larger than those produced later in the season.

Loveliness. La France pink, that all important Florist color. Exceptionally uniform. 10 inches.

Pure White (Snowball). Clear white with

extra large fluffy fringed flowers. Very dwarf.

Purple and White. Large well fringed flowers, variegated and striped with rich purple and white.

World Beauty (Rosy-Carmine). Very bright rose. One of the first and finest colors, this was named and introduced by A.B.C.

Victorious Mixed. A special formula mixture of the dwarf all doubles in a well balanced color range.

1/2 Tr. Pkt. (400 seeds)	\$ 2.00
Tr. Pkt. (800 seeds)	\$ 3.50
1/64 oz.	\$11.00
1/32 oz.	\$21.00

CANADIAN STRAIN

(Simone)

Colossal Shades of Rose:

The largest 100% double. The fully double flowers vary in form from those with crisply fringed petals to those with beautifully waved and ruffled petals. Colors range from light salmon pink through rose-pink to rich rosy mauve.

Plants are of vigorous, low spreading habit. 20 inches.

1/2 Tr. Pkt.	\$1.00	Tr. Pkt.	\$2.50
1/128 oz.	\$5.00	1/64 oz.	\$9.00

America. The first all-double Petunia created in America. Medium sized rose-pink carnation flowered blooms cover the compact dwarf plants all summer. Equally valuable as pot plants or for bedding. 12 inches.

1/2 Tr. Pkt.	\$1.25	Tr. Pkt.	\$ 2.00
1/64 oz.	\$6.50	1/32 oz.	\$11.70

UNIACS of BEAUTY DISTINCTION

from the Leading Specialists

are highly resistant to hot, dry conditions. Once your customers
know Petunias really is, they'll be more than willing to pay a little

PAN-AMERICAN STRAIN (Weddle)

The only American strain offering a complete range of separate colors. For uniformity and quality they are unsurpassed.

Allegro Improved. Deep salmon giant fringed flowers which are 100% true to the Grandiflora type. Plants have a uniform dwarf habit and are unexcelled for pots and bedding. One of the most outstanding in the All-Double class.

Caprice. Bright rose flowers which are deeply fringed. Plants are dwarf. One of the most popular double varieties.

Minuet. Beautiful orchid-lavender. Somewhat taller than the other varieties. Fine shapely plants can be had for pots if they are pinched. Very large fringed flowers. Unpinched plants produce excellent cut flowers which last well in water.

Nocturne. Deep midnight purple. Dwarf habit with a high percentage of large fringed doubles. One of the deepest, yet pleasing colors in Petunias.

Sonata. Pure white. Huge deeply fringed, fully double flowers. Plant habit is semi-dwarf. Plants are more compact if pinched. The finest white in the entire All-Double class.

1/2 Tr. Pkt. (500 seeds)....	\$2.50	Tr. Pkt. (1000 seeds)....	\$ 4.00
1/128 oz.	\$7.60	1/64 oz.	\$14.45
1/32 oz.	\$27.45		

Glorious Mixture. An excellent formula mixture made up of the above varieties in the following proportions:

Allegro 25%	Nocturne 15%		
Caprice 35%	Sonata 20%		
Minuet 5%			
1/2 Tr. Pkt. (500 seeds)....	\$2.00	Tr. Pkt. (1000 seeds)....	\$ 3.50
1/128 oz.	\$6.65	1/64 oz.	\$12.60
1/32 oz.	\$24.00		



Glorious Mixed

FI * HYBRID SINGLE FLOWERED

* First Generation Hybrid

Tango. Scarlet red. The first FI Hybrid Dwarf Fringed Petunia to be offered. Very dwarf and compact yet strong and free blooming due to Hybrid vigor. A new color in petunias which is even brighter than Carmencita and has been admired by all who have seen it. 15 inches.

1/2 Tr. Pkt.	\$1.40	Tr. Pkt.	\$2.50
1/128 oz.	\$4.75		

Rose Charm. Bright rose. A small flowered FI hybrid of the multiflora type Petunia. The most free blooming of all petunias. Vigorous plants spread 3 to 4 feet yet the growth remains low and compact. Disease resistant. Color and freedom of bloom combine to make a bed of unsurpassed brilliance. 15 inches.

1/2 Tr. Pkt.	\$1.25
Tr. Pkt.	\$2.00
1/64 oz.	\$6.50

EXTRA DWARF FRINGED GRANDIFLORA (DWARF ERFURT)

These recent Pan American introductions are a great improvement over the original Dwarf Erfurt type, however, we list with them a mixture of the original types.

Carmencita. Deep scarlet salmon deeply fringed flowers cover uniform dwarf plants. Perfect for pots. Hand pollinated seed.

Tr. Pkt.	\$1.00	1/128 oz.	\$1.80
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Colorado Sunset. Bright light rose pink dwarf fringed. Vigorous and free blooming.

Tr. Pkt.	\$1.00	1/128 oz.	\$1.80
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Rosita. Soft rose pink with large ruffled and fringed flowers. Very dwarf compact and profuse blooming. An ideal pot plant.

Tr. Pkt.	\$1.00	1/128 oz.	\$1.80
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Dwarf Erfurt Mixed. A special mixture of the better original varieties of this type.

Tr. Pkt.	50c	1/64 oz.	\$1.75
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SINGLE FLOWERED RUFFLED GRANDIFLORA

A.B.C. Dwarf Elks Pride. The DeLuxe of purple Petunias. Brilliant royal purple. Large flowers are borne profusely on upright growth. Excellent for pots, boxes and bedding.

Tr. Pkt.	50c	1/64 oz.	\$1.50
1/32 oz.	\$2.50	1/16 oz.	\$4.50

Blue Beauty. Rich velvety blue. The vigorous plants produce very large flowers freely.

Tr. Pkt.	50c	1/64 oz.	\$1.35
		1/32 oz.	\$2.40

Burgundy. Strong burgundy or dark wine red. Varies a little in color. Large flowered with white throat.

Tr. Pkt.	50c	1/64 oz.	\$1.10
		1/32 oz.	\$1.85

Giant Flaming Velvet. Velvety blood red. Large flowered with good compact habit.

Tr. Pkt.	50c	1/64 oz.	\$1.35
		1/32 oz.	\$2.40

Snowstorm Improved. An A.B.C. introduction. Pure white. Very large flowered and profuse blooming which makes it very desirable for pot plants or bedding.

Tr. Pkt.	75c	1/64 oz.	\$1.75
1/32 oz.	\$3.00	1/16 oz.	\$5.35

White Cloud. All purpose dwarf white. Free flowering.

Tr. Pkt.	50c	1/64 oz.	\$1.65
		1/32 oz.	\$3.00



PHLOX GRANDIFLORA MIXED



ERIKSSON'S IMPROVED PRIMULA MALACOIDES

By demand of the trade Mr. Eriksson once again has produced seed of his famous strain and has made us the national distributor. Mr. Eriksson has continued to improve the varieties during the last few years when his seed was not available. Sowings in May and June will give you fine specimen plants from January to March. You'll find them especially valuable for early Spring combinations too. Complete cultural directions are printed on the back of each packet.

**Be Sure of Supreme Quality
Buy Seed in Eriksson's Originators Packets**

Glory of Riverside Improved. True rose-pink, a strong grower and without a doubt, the most valuable variety for all purposes.

New Giant. Color closely resembles Glory of Riverside but it has heavier stems and larger flowers. It is a late bloomer thus assuring the grower of a longer season.

White Giant. An exceptionally strong grower and well adapted for combinations.

Lilac Beauty. A pure soft lilac which is absolutely fixed. Another fine color for make-up work.

Peach Blossom. Deep peach-blossom pink. Compact habit. Excellent keeper.

Mrs. Eriksson of Riverside. A glowing rose-red, a very strong grower with heavy flower stems and stiff foliage; large flowers in heavy clusters of medium height. Supply very limited until June.

Pure White Improved. Flowers are smaller than White Giant but more abundant. Good for make-up work.

Lavender New Baby Improved. Not absolutely fixed so that some flowers are lavender pink. This variety contains the most beautiful shades of lavender.

Red New Baby Improved. An outstanding glowing red. Large flowered, heavy producer on strong stems. Better than Brilliancy which has a toxic effect on some people.

Finest Mixed. A well balanced blend of colors.

Originators' Packet for immediate delivery \$1.25

For June Delivery only in originators packets.

1/64 oz. \$4.00 1/32 oz. \$7.50

PHLOX DRUMMONDI

GRANDIFLORA

Well branched plants with large clusters of bright colored flowers. While generally used for summer bedding, retail growers can get a profitable cut flower crop in May from a December sowing. 15 inches.

Alba. White.	Cinnabar. Rich scarlet.
Brilliant. Clear rose. Dark eye.	Isabellina. Primrose-yellow.
Camea. Flesh-pink with rose eye.	Rosea. Rose-pink shading deeper in center.
Chamois Rose. With carmine eye.	Splendens. Brilliant scarlet.
Tr. Pkt. 35c	Oz. \$2.50
Special Mixed. Tr. Pkt. 25c	Oz. 65c Oz. \$1.85

GIGANTEA

The individual flowers are larger than the Grandiflora type, and are produced freely on strong, upright plants. 10 inches.

Red Glory. Bright red with white eye.	Salmon Glory. Soft rich salmon pink with creamy white eye.
Rosy Morn. Rose-pink with eye.	Art Shades Mixed.
Tr. Pkt. 40c	Oz. \$1.00 Oz. \$3.00

NANA COMPACTA (Dwarf)

The symmetrical dwarf, compact plants are especially suited for bedding rock gardens and pots. 6 inches.

Apricot.	Fireball. Fiery scarlet.
Atropurpurea. Reddish purple.	Isabellina. Primrose yellow.
Chamois Rose. With carmine eye.	Mirabilis. Carmine red, white eye.
Coerulea Oculata. Blue, white eye.	Snowball. Pure white.
Tr. Pkt. 40c	Oz. \$1.00 Oz. \$3.25

Cecily Mixed. A special mixture of all the attractive colors in this class.

Tr. Pkt. 35c

Oz. 85c Oz. \$3.00



A. B. C. Supreme Quality Flower Seeds

POPPY (Papaver)

ICELAND (P. Nudicaule).

The standard type for greenhouse spring forcing. Sow either direct or in pots and transplant.

The Emperor. Brilliant orange. Large flower and long, stiff stems.

The Empress. Same as above but in salmon-rose shades.

Art Shades Mixture.

Tr. Pkt. 25c 1/4 oz. 75c Oz. \$2.50

SHIRLEY (P. Rhoeas).

American Legion. Single orange-scarlet. 15c \$0.75

Sweet Briar. (Double Begonia-flowered.) Deep rose-pink 15c 1.00

A. B. C. Shirley Mixture. Single flowered, all colors... 15c .75

PERENNIAL POPPY—See Page 37.

PORTULACA

Very excellent easily grown outdoor bedding plant. Will flower 30 to 45 days from sowing in late spring or early summer.

DOUBLE

Bright Pink **Deep Yellow** **Salmon** **Scarlet** **Mixture**
Tr. Pkt. 25c 1/4 oz. \$1.00 Oz. \$3.50

SINGLE

Jewel. Very large flowers of brilliant crimson color.
Tr. Pkt. 50c 1/8 oz. \$1.10
Mixture. Tr. Pkt. 20c 1/4 oz. 75c Oz. \$2.35

PRIMULA

MALACOIDES

Sow seed in May or June in light sandy soil for fine plants for St. Valentine's Day and spring sales. Light, air and low temperature are the main things to check carefully. Do not let the plants get too dry between waterings.

BODGER'S GIANT

Single Mixed. Includes many new shades. Tr. Pkt. \$1.00

Double Mixed. Shows a good range of color, including pink, white, light lavender and orchid. Tr. Pkt. \$1.50

ERIKSSON'S IMPROVED. See opposite page.

IMPORTED VARIETIES

Dr. Boehnert. Deep lilac. **Gratulation.** Salmon.
Erfurter Schmuckstück. Carmine red.
Tr. Pkt. \$1.00

OBCONICA

A sowing in late January or February will make choice pot plants for Christmas.

Better Days. Deep carmine red, the darkest of the Obconicas.

Coerulea. Clear blue. **Mueller's Rose.** Pure rose; choice.

Fasbender. Rich deep red. **Snowstorm.** Pure white.

Lachrosa. Salmon-rose. **Wyaston Wonder.** Bright crimson.

Lavender. **M & M Mixed.**

Mohnstein's Dark Red. **Choice Colors Mixed.**
Tr. Pkt. \$1.25 1/64 oz. \$2.25

RICINUS (Castor Beans)

Tall large-leaved plants having a tropical appearance.

Zanzibariensis Mixed. Foliage all green. 10 to 12 ft.
Oz. 25c 4 oz. 65c

RUDBECKIA

Starlight. Primrose yellow to mahogany and bicolors, with mahogany centers. Very fine.

Tr. Pkt. 50c 1/4 oz. \$1.10

SALPIGLOSSIS

Some very attractive colors for summer cutting and spring flowering under glass. Especially valuable for retail growers.

Dwarf Mixed. A choice mixture for bedding.

Tr. Pkt. 20c 1/4 oz. 40c Oz. \$1.35

Vesuvius (New). Gold and silver on a violet purple background. 30 in.

Tr. Pkt. 25c 1/4 oz. 55c Oz. \$2.00

Emperor Mixed. A tall mixture of all colors.

Tr. Pkt. 15c 1/4 oz. 30c Oz. \$1.00

SALVIA

One of the most brilliant bedding plants. Blooms from early summer until frost.

	Tr. Pkt.	1/4 oz.	Oz.
America (Globe of Fire).	50c	\$1.35	\$4.50
Blaze of Fire.	75c	2.00	6.50
Bonfire (Clara Bedman).	50c	1.35	4.50
Firebrand. Extra early. Very dwarf; scarlet.	50c	1.35	4.50
Fireball Dwarf	50c	1.35	4.50
Harbinger.	50c	1.35	4.50
Splendens. Tall growing.	50c	1.00	3.50
Zurich. Dwarf, early.	50c	1.35	4.50
Farinacea (Blue Bedder). Rich deep blue.	35c	1.10	3.50

SANVITALIA (Creeping Zinnia)

Procumbens Fl. Pl. Bright yellow double flowers; for edging. 6 inches.
Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.75

SAPONARIA

VACCARIA. Gypsophila-like flowers. 18 inches.
Rosea. Oz. 25c 4 oz. 85c

SCABIOSA

An easily grown free-flowering cut flower having long stems and a wide range of desirable colors. Sow in March for late spring greenhouse crop or outdoors for summer cutflowers.

Blue Moon. Attractive lavender-blue color with extra large fully double flowers and long wiry stems.

Tr. Pkt. 25c 1/4 oz. 65c Oz. \$2.25

Oxford Blue. (New). Deep rich campanula blue.

Tr. Pkt. 25c 1/4 oz. 65c Oz. \$2.25

Ageratum Blue. Azure Blue. **Loveliness.** Deep salmon-pink

Rose. **Fire King.** A bright scarlet.

King of the Blacks. Deep rich maroon. **Shasta Improved.** Fine pure white.

Giant Hybrid Mixture. A special strain containing only the new large flowered varieties. Well balanced in good cut flower colors.

Tom Thumb Mixed. Compact, dwarf plants for bedding and edging. 10 in.

Tr. Pkt. 20c 1/4 oz. 30c Oz. 85c

SCHIZANTHUS (Butterfly Flower)

Bushy plants with finely laciniate foliage and butterfly-like flowers. Seed sown in January and plants pinched once make ideal medium sized pot plants.

Tr. Pkt. 1/8 oz. 1/4 oz.

Mother's Favorite. A choice assortment of colors; exceptional as a pot plant for Mother's Day sales.

75c \$1.25

Dr. Badger's Improved Hybrids. Large flowers in choice colors. Habit medium dwarf.

35c \$1.10

A.B.C. Special Dwarf Mixed. Unexcelled for pot plants.

50c 1.65

Wisetonensis Mixed.

50c 1.35 2.35

SHAMROCK

True Irish. Tr. Pkt. 20c Oz. \$1.20

SMILAX

A fast growing vine with myrtle-like leaves. Valuable for floral decorations. Tr. Pkt. 40c 1/4 oz. 85c Oz. \$2.35

SNAPDRAGON (See Antirrhinum) Pages 6-7

STATICE

SINUATA

Kampf's Tall Improved. Extra long-stemmed, deep blue.

Market Grower's Blue.

Rosea Superba.

Snow White.

Hybrid Mixture. A mixture of the above colors as well as new shades that add a bright variation to the mixture.

Tr. Pkt. 20c Oz. 45c Lb. \$4.80

BONDUELLI. Similar to Sinuata. Yellow. Tr. Pkt. 20c

Oz. 45c Lb. \$4.80

SUWOROWII. Excellent for spring cutting. Tr. Pkt. 15c

1/4 oz. 45c Oz. \$1.25

STEVIA

Serrata. Fragrant white flowers. Tr. Pkt. 35c Oz. \$2.75

A. B. C. Column Stocks



A SUPERIOR NON-BRANCHING STRAIN

The one enormous spike produced by this strictly non-branching type permits close planting and makes a most profitable greenhouse crop for spring cutting.

Our seed is grown for us by specialists who through careful selection and special trials do everything possible to insure your getting a high percentage of doubles.

Make successive sowings for a continuous supply of fine spring cut flowers. Grow cool (below 60°) to prevent blindness.

✓ We have checked the varieties which are in greatest demand.

American Beauty. Rich deep carmine rose.

✓ **Apricot No. 20.** Large flowered creamy buff.

Ball's White Improved No. 16. Early long, compact spikes.

Chamois Rose. Rosy buff.

Dark Apricot. Darker than No. 20 Apricot. Long stems.

✓ **Dark Blue.** A rather deep lilac.

Deep Rose. A deep selection of the popular rose pink.

✓ **Gardenia.** Purest white, long spiked.

✓ **Rose Pink.**

Rose Pink and White. An excellent bicolor.

Royal Purple. Large flowered, bright purple, fine long stemmed.

Ruby. Rich crimson-red.

✓ **Silvery Lilac.** Lilac-lavender.

✓ **Supreme No. 22.** Bright silvery pink.

✓ **Yellow Wonder.** Rich creamy yellow.

Mixed. A special blend of all varieties.

1/2 Tr. Pkt.	60c	Tr. Pkt.	\$1.00
1/4 oz.	\$2.50	Oz.	\$9.00

BRANCHING STOCKS

When planted almost as close as the non-branching type and topped when they are about 6 inches high, they will produce many good spikes per plant almost as tall as the non-branching stocks.

IMPROVED BISMARCK

Early large flowers on long stems make this type especially desirable for cutting whether they are grown in the greenhouse or outdoors. High percentage of doubles. 26 inches.

Antique Copper. Fine copper red.

Blood Red. Ruby color.

Buttercup. Deep cream.

✓ **Chamois.** Fine clear chamois.

Dark Blue.

✓ **Elk's Pride.** Rich purple.

Tr. Pkt. 35c 1/4 oz. \$1.10 Oz. \$3.40

Finest Mixed. Tr. Pkt. 25c 1/4 oz. \$1.00 Oz. \$3.25

Flesh. Delicate pink.

Golden Ball. Ivory yellow.

✓ **Lavender.** Clear lilac lavender.

✓ **Lilac.** Bright deep lilac-blue.

✓ **Rose.** Fine bright rose.

✓ **Shasta.** Giant white.

BEAUTY OF NICE

Compact like the Ten Weeks Stocks, but not quite so dwarf. Plants have a pyramidal branching habit. Will flower in about 15 weeks from seed. 2 ft.

American Beauty. Deep rose.

Aurora. Golden buff; fine.

Blood Red.

Cote d'Azure. Light lavender-blue

Flesh Pink.

Tr. Pkt. 25c 1/4 oz. 75c Oz. \$2.50

Finest Mixed. Tr. Pkt. 25c 1/4 oz. 65c Oz. \$2.35

Mont Blanc. Extra early, white.

Monte Carlo. Rich canary-yellow.

Souvenir De Monacrel. Crimson.

Summer Night. Deep blue.

Queen Alexandra. Rosy lilac.

TEN WEEKS

Dwarf, compact, and early; used for bedding and pot plants. Come into bloom about 10 weeks after seed is sown. 15 to 18 in.

Blood Red

Canary Yellow

Carmine Pink

Deep Rose

Purple

White

Tr. Pkt. 25c 1/4 oz. 55c Oz. \$2.00

Mixture. Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.75

PERPETUAL BRANCHING

Plants produce many side branches throughout season. An early flowering double. 18 inches.

Finest Mixed. Tr. Pkt. 30c 1/4 oz. 75c Oz. \$2.75

GIANTS OF CALIFORNIA

Very early flowering with a high percentage of double mammoth flowers, these have the branching habit of the Bismarck. If planted close they will nearly attain the height of the Column Stock, approximately 2 1/2 to 3 feet.

Golden Gate. Golden yellow.

Mojave. Rich velvety-purple.

✓ **Monterey.** Bright pink.

Pacific. Light blue.

Redwoods. Blood red.

Tr. Pkt. 35c 1/4 oz. \$1.30 Oz. \$4.40

Splendid Mixture. Tr. Pkt. 25c 1/4 oz. \$1.10 Oz. \$3.75

Santa Barbara. Chamois.

✓ **Santa Maria.** Pure white.

Sequoia. Rich sparkling carmine.

✓ **Tahoe.** Lavender.

✓ **Yosemite.** Rose.

Winter Flowering Sweet Peas

We offer only those varieties which produce large well formed flowers on good strong stems. An August 1st sowing should make Christmas while September sowings will flower from February on. For late spring cutting we suggest the Cuthbertson type.

✓ We have checked the most popular varieties in each color class.

EARLY OR WINTER FLOWERING

SALMON PINK AND SALMON ROSE

Boon. Fine deep salmon-rose on cream.
Daphne. Soft salmon pink on cream ground. Large flowers.
Miss Santa Maria. (New.) Soft rose suffused salmon. Duplex flowers.
 Oz. \$1.50 4 oz. \$4.00 Lb. \$10.00
 ✓ **Sequoia.** Extra large flowered golden salmon rose.
 ✓ **Tops.** Salmon rose. Extra large ruffled flowers.

ROSE AND PINK

American Beauty. Fine American Beauty rose.
Ball Rose Improved. Deep bright rose. Strong free flowering habit.
Ball Rose Queen. Clear rose.
 ✓ **Bridesmaid.** Delightful silvery pink. Extra large flowers and long stems.
 ✓ **Coquette.** Coral pink with amber and salmon shading.
Jeanne Mamitsch. Clear rose. Long stems.
Josie. Clear rose pink. Very productive. Requires more headroom.
Laddie Improved. Extra long stiff-stemmed rose.
Shirley Temple. Soft rose pink. Flowers are large and frilled.

BLUE

✓ **Avalon. (New.)** Mid-blue. A shade deeper than Blue Danube.
 Oz. \$1.50 4 oz. \$4.00 Lb. \$10.00
Blue Danube. Showy clear deep blue. An excellent color.
 ✓ **Mrs. Hoover.** Early mid-blue. Strong growing and fine for spring.
Tahoe. Dark blue. Deeper than Mrs. Hoover. Excellent for spring.

LAVENDER AND PURPLE

Amethyst. Rich bright purple. Large fragrant flowers.
Fragrance. Fine lavender for spring flowering. Large ruffled flowers.
Harmony. Standard commercial lavender.
 ✓ **Rhapsody.** Deep rosy-lavender. Flowers are extra large.
Triumph. Soft lilac mauve. Stems are long. Very popular.
 ✓ **Twilight.** Medium clear lavender.

SCARLET AND MAROON

✓ **Bacchus.** Extra deep-red maroon with large flowers and good stems.
Grenadier. Intense poppy scarlet.
Redwood. Deep crimson. Extra large flowered.
Sparks. Bright orange scarlet.
Top Sergeant. Deep blood-red crimson.

Prices on above except where noted: Oz. 50c 4 oz. \$1.50 Lb. \$5.50
 Finest Mixed. A special blend of the better varieties. Oz. 45c 4 oz. \$1.35 Lb. \$5.00

MISS SANTA MARIA

Soft rose
suffused
Salmon.
Note the
fine
large
duplex
flowers.



CERISE

✓ **Cavalcade.** Golden cerise. Large flowers and long stems.
Pride. Brilliant pure, deep cerise, extra long stems. Vigorous.

ORANGE

Ball Orange Improved. Early flowering clear orange. Long stiff stems.
Helen Hayes. Soft orange-salmon, extra long stems.
 ✓ **Treasure Island.** Sparkling golden orange. Large ruffled flowers.

WHITE AND CREAM

Ball White. Fine large flowered white, white seeded.
 ✓ **Hope Improved.** An exceptionally good white, black seeded.
 ✓ **Oriental.** Cream, black seeded. Wings are waved.
Snow Drop. (New.) Pure paper white, long stems, seeded.
 Oz. \$1.50 4 oz. \$4.00 Lb. \$10.00
White Champion. Pure white, long stems, white seeded.
White Harmony. Longest stemmed, black seeded white.

SPRING FLOWERING (Cuthbertson) SWEET PEAS

Unexcelled for spring forcing and outdoor culture

The spring-flowering types give a much heavier crop of longer stemmed flowers than the standard early-flowering types but come into bloom a little later. Seed should not be sown before October in the greenhouse for flowering during March, April and early May. Sown early outdoors they are superior to, and come into flower earlier than, the standard summer flowering varieties.

Billy. Bright cerise rose on salmon.	Hazel. Light blue.
Carol. Clear pink, white ground.	Helen. Blush pink.
Coline. Scarlet.	Janet. White, black seeded.
Danny. Navy Blue.	Jennie. Pure white, white seeded.
Evelyn. Salmon cream pink.	Jessie. Mauve.
Frank G. Clear lavender.	Lois. Clear rose pink.
Oz. 65c 4 oz. \$2.00	Lb. \$6.50
MIXTURE. A balanced blend of all colors.	
Oz. 55c 4 oz. \$1.65	Lb. \$5.50

SUMMER FLOWERING SWEET PEAS

THE BEST DOZEN VARIETIES

We list only those varieties which have proven outstanding in various trials.

Capri. A light blue. Long stemmed, vigorous grower.	Highlander. Clear deep lavender.
Maytime. Golden cerise. Large flowers on long stems.	Patricia Unwin. Golden salmon.
Pinkie. Excellent long-stemmed, large rose pink. Very productive.	Rubicund. Crimson scarlet.
Shrimp Pink. Soft silvery pink.	Snow White. A solid paper white throwing immense flowers.
Sweet Afton. Silver pink.	Welcome. Deep sun-proof scarlet.
What Joy. Rich deep cream, white seeded.	Windsor. Large flowered and heavy stemmed, clear mid-blue.
Oz. 25c 4 oz. 85c	Lb. \$2.85
FINEST MIXED. A fine combination of above varieties.	
Oz. 20c 4 oz. 65c	Lb. \$2.25



Verbena "Lavender Glory"

SWEET WIVELSFIELD (Dianthus)

Clusters of flowers similar to Sweet William, but larger and more varied in shades of pink, rose, crimson and scarlet. Make excellent cut flowers as well as bedding plants. 12 inches.

Single Mixed.	Tr. Pkt.	15c		
1/4 oz.	30c	Oz.	\$1.00	
Mixed Double.	Tr. Pkt.	25c		
1/4 oz.	65c	Oz.	\$2.25	

THUNBERGIA (Black-Eyed Susan)

A climbing vine which forms a dense mat of foliage covered with bright colored flowers with showy black centers. Excellent for ground cover, hanging baskets or window boxes. 5 ft.

Alata Mixed.	Tr. Pkt.	15c	Oz.	\$1.00
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TITHONIA (Mexican Sunflower)

Brilliant Dahlia-like flowers. Tall plants of dark green foliage which are excellent for backgrounds as well as cutting. Blooms in the Fall.

Speciosa.	Orange-scarlet.	6 ft.	Tr. Pkt.	25c	1/4 oz.	\$1.45
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Avalon Earliest.	Flowers range from orange topaz through tangerine. Plants grow six to seven feet tall.
Tr. Pkt.	25c

25c	1/4 oz.	55c	Oz.	\$1.75
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TORENIA

Fournieri Compacta. Excellent for spring pot plant sales. Medium blue with dark blotches on lip. Dwarf growing.

Tr. Pkt.	50c	1/8 oz.	\$1.25
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TRACHELIUM

Coeruleum.	Large heads of small blue flowers resembling Gypsophila. 18 inch.	Tr. Pkt.	35c	1/8 oz.	\$1.10
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VENIDIUM

Graceful brilliantly colored single daisy-like flowers on long stems. Plants are bushy. An excellent cut flower. 2 ft.

Fastuosum.	Brilliant orange with a glistening dark center.
Tr. Pkt.	35c

Fastuosum Hybrids.	A most interesting and attractive mixture of colors ranging from silvery white down through various shades of cream and orange-salmon.
Tr. Pkt.	35c

VERBENAS

A.B.C. DWARF GIANT FLOWERED

Dwarf colorful plants which are excellent as ground covers, for edging and rock gardens, as well as cutting. They like poor soil and stand dry conditions very well. 8 to 12 inches.

Annapolis Blue.	True mid-blue.	Lucifer.	Vivid scarlet.
Beauty of Oxford Hybrids.	Rose-pink to rose-red shades.	Mounty.	Solid deep rose.
Cerise Queen.	Soft salmon cerise.	Royale.	Royal blue, creamy white eye.
Crimson Glow.	Self-color.	Rosea Stellata.	Rose-pink, white eye.
Dannebrog.	Bright scarlet, white eye.	Spectrum Red.	Intense bright red.
Etna.	Intense Geranium red, creamy-yellow eye.	Salmon Pink.	Salmon-pink, white eye.
Flamingo.	Vivid rose-pink.	Violacea Stellata.	Deep violet, white eye.
Lavender Glory.	True lavender.	White.	Pure white.
Luminosa.	Luminous flame pink shading to salmon.	Choice Mixed.	
Tr. Pkt.	35c	1/4 oz.	80c Oz. \$2.65

TALL ERECT

Royal Bouquet Mixture. Plants have very neat and compact habit. It is a continuous bloomer particularly adapted for bedding and borders. Mixture composed of a good range of colors including bright reds, deep blues, etc. 15 to 18 inches.

Tr. Pkt.	50c	1/8 oz.	\$1.25
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VENOSA

Heliotrope Blue.	Tr. Pkt.	25c	1/4 oz.	50c Oz.	\$1.75
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Lilacina. This Verbena must be treated as an annual. If possible, sow the seeds under glass in early Spring. The plants will flower in four months' time, continuing to bloom until frost. It is a strong grower, perfectly hardy and very free flowering, being literally covered with flowers throughout the season.

Tr. Pkt.	25c	1/4 oz.	75c Oz.	\$2.15
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VINCA ROSEA (Periwinkle)

Erect, bushy plants with glossy leaves and large bright single flowers. Withstands hot weather. Requires a warm house and an early start. 18 inches.

Alba Oculata.	White with rose eye.	Rosea.	Pink.
Alba Pura.	Pure white.	Twinkles.	Soft blush pink, bright red eyes.
Crimson.			Finest Mixed.
Delicata.	Soft pink.		
Tr. Pkt.	30c	1/4 oz.	60c Oz. \$1.85

VIRGINIAN STOCK

Choice Mixed. An easily grown border annual.

Tr. Pkt.	15c	1/8 oz.	75c	Oz.	\$1.75
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VISCARIA

Very free flowering, compact dwarf plants with large single flowers. Will bloom continuously where summers are cool. 8 inches.

Fiery Red	Blue
Tr. Pkt.	35c
1/4 oz.	85c Oz. \$2.50

Oct. Pkt.	25c	1/4 oz.	50c Oz.	\$1.50
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WALLFLOWER

An attractive crop of flowers may be had in early spring from an October sowing. Grown in shallow raised beds or flats. Very fragrant but fragile.

EARLY FORCING SINGLE			
Blood Red	Golden Gem		
Tr. Pkt.	15c	1/4 oz.	80c
EARLY FORCING DOUBLE			
Gold Standard			
Tr. Pkt.	25c	Oz.	85c

XERANTHEMUM (Everlasting)

Erect plants with silky foliage. The oldest and best known of the "everlastings."

Double Mixed.	Tr. Pkt.	15c	Oz.	90c
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Zinnias

One of the most popular and easily grown annuals, Zinnias grow in most any soil, but do best in a sunny location and thrive on heat. Under glass an April sowing will yield fine cut flowers in early June.

DAHLIA-FLOWERED

BODGER'S GOLD MEDAL STRAIN. Flowers are large and deep with rounded incurved petals. Well branched plants produce long sturdy stems. 2½ to 3 ft.

Canary Bird. Rich primrose-yellow.

Crimson Monarch. Deep crimson.

Dream. Fine deep lavender.

Eldorado. Salmon-apricot.

Exquisite. Fairly deep rose.

Golden State. Rich orange-yellow.

Illumination. Deep rose.

Tr. Pkt. 25c

Oz. \$1.25

Luminosa. Deep pink.

Oriole. Orange and gold.

Polar Bear. Large white.

Purple Prince. Deep purple.

Scarlet Flame. Bright scarlet.

Will Rogers. Deep scarlet.

Gold Medal Mixed.

1/4 oz. 45c

4 oz. \$4.00

Lb. \$14.50

GIANT MAMMOTH

Immense double flat flowers with overlapping petals more loosely placed than the Dahlia flowered type. 3 ft.

Brightness. Bright deep rose.

Cherry (Cerise) Queen. Cherry rose.

Daffodil. Bright canary yellow.

Enchantress. Light rose, deep

rose center.

Golden Queen.

Lavender Queen.

Tr. Pkt. 25c

Oz. \$1.10

Miss Willmott.

Orange King. Deep orange.

Purity.

Rose Queen. Bright rose.

Scarlet Queen.

Violet Queen.

Finest Mixed.

1/4 oz. 40c

Lb. \$13.50

BURPEE'S SUPER GIANTS

Very large flowers which have a pleasing diversity of petal and flower form in a wide range of colors. 3 ft.

Finest Mixed. Tr. Pkt. 35c 1/4 oz. 60c Oz. \$2.00

PUMILA DWARF DOUBLE (Cut and Come Again)

A most desirable type for bedding as well as cut flowers. Flowers about 2½ inches across are freely produced on long stems. 24 inches.

Canary-Yellow.

Golden Orange.

Spun Gold.

Sunshine Tints. Autumn tints of bronze golden yellow, apricot, and rich rose.

Tr. Pkt. 15c 1/4 oz. 25c Oz. 75c

Crimson.

Scarlet.

Salmon Rose.

White.

Mixed.

LILLIPUT OR POMPON IMPROVED

Flowers are small, compact and symmetrical. Plants are dwarf and bushy. 18 inches.

Dainty Gem. Dainty bi-color rose.

Black Ruby.

Canary Gem.

Crimson Gem.

Purple Gem.

Golden Gem.

Lilac Gem.

Salmon Gem.

Scarlet Gem.

White Gem.

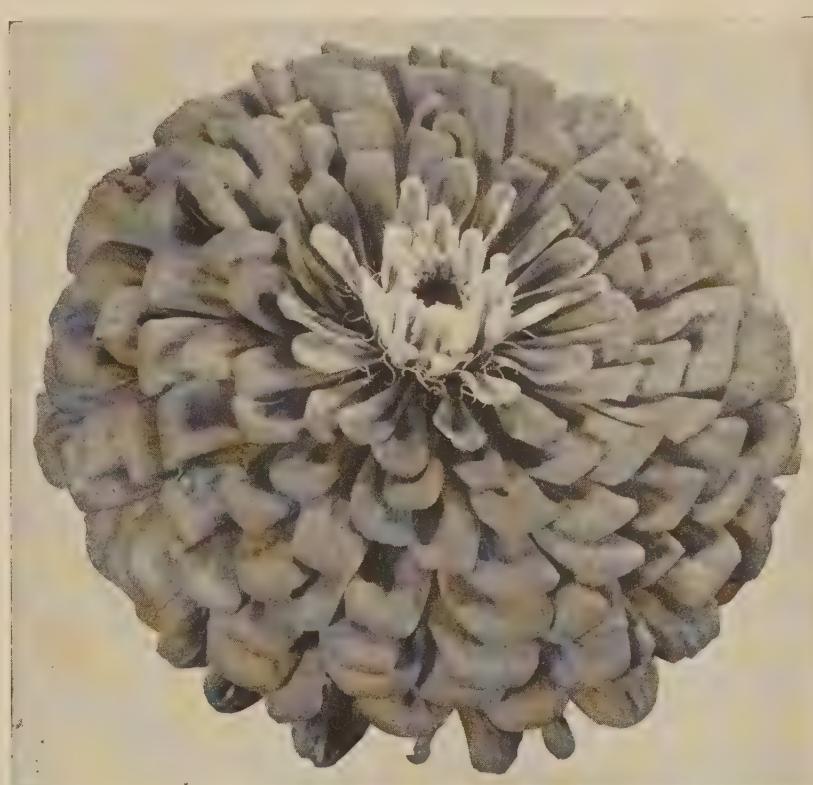
Rosebud. Clear deep rose-pink.

Pink Gem. Deep flesh.

Valencia. Attractive burnt orange.

Mixed.

Tr. Pkt. 25c 1/4 oz. 40c Oz. \$1.00 Lb. \$10.00



Zinnia Giant Mammoth

FANTASY

Medium sized shaggy flowers with curled and twisted petals. 2 ft.

Rosalie. Intense Rose.

Star Dust. Deep golden yellow.

Orange Lady. Deep bright orange.

Tr. Pkt. 25c 1/4 oz. 40c Oz. \$1.25

White Light. Pure white.

Wildfire. Dazzling scarlet.

Finest Mixed.

MISCELLANEOUS TYPES

CUPID FINEST MIXED. Small button-like flowers. Dwarf, well formed plants. 1 ft. Tr. Pkt. 20c 1/4 oz. 35c Oz. \$1.10

DAVID BURPEE. Very large flowers with petals curled and quilled, giving the appearance of Chrysanthemums. Wide range of colors.

Tr. Pkt. 25c 1/4 oz. 45c Oz. \$1.40

GAILLARDIA FLOWERED or NAVAJO MIXED. Resemble Picta Double Gaillardia in form and coloring.

Tr. Pkt. 35c 1/4 oz. 50c Oz. \$1.50

GRACILLIMA (Red Riding Hood). Miniature bright crimson flowers about half the size of the Lilliputs. 1 ft.

Tr. Pkt. 25c 1/4 oz. 45c Oz. \$1.40

HAAGEANA (Mexicana) HYBRIDS. An especially valuable class for bedding. Very free flowering, compact growth. Attractive colors.

Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.90

LILLIPUT "TOM THUMB" MIXTURE. Desirable for rock gardens, pot plants and bedding. A good range of colors. 4 to 6 inches.

Tr. Pkt. 25c 1/4 oz. 50c Oz. \$1.50

LINEARIS. The single flowers are a lovely shade of golden orange, with a delicate lemon yellow stripe through each petal. Centers are dark brown. Early blooming. Tr. Pkt. 25c 1/4 oz. 65c Oz. \$2.00

SCABIOSA-FLOWERED (Harmony Type) MIXED. Fairly tall and long-stemmed variety, with flower formation resembling Scabiosa.

Tr. Pkt. 25c 1/4 oz. 55c Oz. \$1.65

SUPER CROWN O' GOLD PASTEL TINTS. The flowers are large and showy, a type intermediate between Dahlia Flowered and California Giant. Tr. Pkt. 25c 1/4 oz. 40c Oz. \$1.25



A.B.C. "Supreme Quality"

HARDY PERENNIAL SEED

Perennial Borders Grown from A. B. C. Seed as shown in the illustration are in great demand.

Grow your Perennials in A. B. C. Plant Bands for better plants and bigger sales — See Page 84.

AQUILEGIA (Columbine)

<i>Alpina.</i>	Rich blue. Short spurred. 2 ft.							
Tr. Pkt.	25c	1/4 oz.	80c	Oz.	.....	\$2.85		
<i>Canadense.</i>	Bright red and yellow. Short spurred. 30 inches.							
Tr. Pkt.	25c	1/4 oz.	65c	Oz.	.....	\$2.00		
<i>Chrysanthia.</i>	Golden yellow. Long spurred.							
Tr. Pkt.	35c	1/4 oz.	85c	Oz.	.....	\$2.85		
<i>Chrysanthia Silver Queen.</i>	Silvery white. Long spurred. 2 ft.							
Tr. Pkt.	35c	1/4 oz.	90c	Oz.	.....	\$3.00		
<i>Coerulea.</i> (Rocky Mountain Columbine).	Violet-blue and white. April to July. 1 1/2 to 2 ft.							
Tr. Pkt.	25c	1/4 oz.	75c	Oz.	.....	\$2.50		
<i>Crimson Star.</i>	Long spurred, rich crimson center. White.							
Tr. Pkt.	65c	1/8 oz.				\$1.65		
<i>Mrs. Scott Elliot.</i> Hybrids.	Long spurred. Wide range of color.							
Tr. Pkt.	35c	1/4 oz.	\$1.00	Oz.	.....	\$3.50		
<i>Rose Queen.</i>	Rose with white corolla.							
Tr. Pkt.	35c	1/4 oz.	75c	Oz.	.....	\$2.25		
<i>Snow Queen.</i>	Large, pure white.							
Tr. Pkt.	35c	1/4 oz.	\$1.10	Oz.	.....	\$3.65		

ARABIS (Rock Cress)

Showy dwarf spreading plants succeeding best in a sunny, well drained location. Blooms in early spring. Excellent for edging and rock gardens.								
<i>Alpina.</i> Masses of white flowers. 8 to 12 inches.								
Tr. Pkt.	35c	1/4 oz.	75c	1 oz.	.....	\$2.50		

ARMERIA (Sea Pink)

Plants with tufted growth and globe shaped flowers borne well above the plants on stiff stems.								
<i>Formosa.</i> Large flowering hybrids, About 2 ft.								
Tr. Pkt.	35c	1/8 oz.	75c	1/4 oz.	\$1.35		

ASTER

<i>Alpine Mixed.</i> Tr. Pkt.	50c	1/8 oz.	\$1.00				
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AUBRETIA

Dwarf spreading plants which are covered with masses of flowers in April and May. 6 inches.								
Tr. Pkt.								
<i>Deltaidea.</i> Lilac.								
.....	35c	1/8 oz.	.....	\$ .85				
<i>Hendersonii.</i> Deep purple.								
.....	50c	1/8 oz.	.....	1.00				
<i>Leichtlinii.</i> Carmine rose.								
.....	50c	1/8 oz.	.....	1.00				
<i>Violacea.</i> True violet.								
.....	35c	1/8 oz.	.....	.85				
<i>Giant Flowered Hybrids.</i> Mixed.								
.....	50c	1/8 oz.	.....	1.00				

BAPTISIA

<i>Australis</i> (False Indigo). Racemes of indigo blue. Pea shaped flowers.								
Tr. Pkt.	20c	1/8 oz.	.....	75c				

BELLIS PERENNIS

Double English Daisy. Very large double bright colored flowers. They do best in moist, well drained soil. 6 inches.								
<i>Red.</i>	<i>Rose.</i>	<i>Snowball.</i>	<i>Mixed.</i>					
Tr. Pkt.	50c	1/4 oz.	.....	\$3.00	Oz.	.....	\$9.50	

ACHILLEA (Milfoil, Yarrow)

Ptarmica "The Pearl." One of the best hardy white perennials. Covered with heads of purest white double flowers from June until frost.

Tr. Pkt. 25c 1/4 oz. 80c Oz. \$2.75

ACONITUM (Monkshood, Helmet Flower)

Napellus. Produces long spikes set with blue flowers. Seed is of slow germination; 3 to 5 feet. Tr. Pkt. 25c 1/4 oz. \$1.00

AGROSTEMMA

Coronaria Atrosanguinea (Rose Champion). Deep blood red, 28 inch. Tr. Pkt. 10c 1/2 oz. 40c Oz. 75c

ALYSSUM

Saxatile Compactum (Basket of Gold). An indispensable plant for the rockery or border, growing 1 foot high.

Tr. Pkt. 15c 1/4 oz. 30c Oz. \$1.00

ANCHUSA

Italica, Dropmore Variety. Grows 3 to 5 feet high; bears during May and June in abundance; flowers of the richest Gentian blue.

Tr. Pkt. 25c Oz. \$1.75

Italica Opal. Light blue. 6 ft. Tr. Pkt. 15c Oz. 80c

ANEMONE (Windflower)

St. Brigid. An excellent mixture of double and semi-double blooms in a wide range of brilliant colors. Flower from May to June. 1 ft.

Tr. Pkt. 50c 1/4 oz. 85c Oz. \$3.00

ANTHEMIS (Marguerite)

Kelwayii. A most satisfactory, hardy perennial bearing daisy-like lemon yellow blossoms. Excellent for cutting. 2 feet.

Tr. Pkt. 20c Oz. 75c

Tinctoria. Grows about 2 to 3 feet. Flowers yellow.

Tr. Pkt. 25c 1/4 oz. 50c

A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS

CAMPANULA (Biennial)

CALYCANTHEMA (Cup and Saucer)

Similar to Single Canterbury Bells but with a large calyx which is the same color as the cup shaped corolla. Blooms in June, 2 ft.

Dark Blue	Lilac	Rose-Pink	White	Mixed
Tr. Pkt.	15c	1/4 oz.	60c	Oz. \$1.75

MEDIUM SINGLE (Canterbury Bells)

Dark Blue	Lilac	Rose	White	Mixed
Tr. Pkt.	15c	1/4 oz.	30c	Oz. 85c

MEDIUM DOUBLE (Canterbury Bells)

Rose	Blue	White	Mixed
Tr. Pkt.	25c	1/4 oz.	70c

CAMPANULA (Perennial)

PERSICIFOLIA GRANDIFLORA (Peach Bells)

Bell-shaped flowers with peach-like leaves. Blooms from June to July. Fine stems for cutting. 2 ft.

Blue	White	Mixed
Tr. Pkt.	35c	1/8 oz. \$1.00

1/4 oz. \$1.85

PYRAMIDALIS (Chimney Bellflower)

Star-shaped flowers on tall plants which make good backgrounds. Blooms from August to September. 4 to 6 ft.

Blue	White	Mixed
Tr. Pkt.	35c	1/8 oz. \$1.00

1/4 oz. \$1.85

ROTUNDIFOLIA (Blue Bells of Scotland)

Graceful, drooping mid-blue, bell-shaped flowers on slender stems. 12 inches.

Tr. Pkt.	50c	1/8 oz. \$1.75	1/4 oz. \$3.25

CANDYTUFT (See Iberis) Page 37

CARNATION

GRENADIN

A hardy type which is excellent for cutting. 2 ft.

Black King.	Dark red.	White.	Snow white.
Tr. Pkt.	15c	1/4 oz.	50c
			1/4 oz. \$2.50
			Oz. \$8.00

CERASTIUM

Tomentosum.	(Snow in summer.)	Foliage silvery white; white flowers.
Tr. Pkt.	25c	Oz. \$2.00

CHEIRANTHUS (Wallflower)

Allioni. Brilliant orange. 12 inches.

Tr. Pkt.	15c	Oz.	50c	4 oz.	\$1.50

Golden Bedder.

Golden yellow. Tr. Pkt. 20c Oz. \$1.00

CLEMATIS

Paniculata. A popular vine. White flowers.

Tr. Pkt.	15c	1/4 oz.	30c	Oz.	\$1.00

COREOPSIS (Perennial Calliopsis)

Mayfield Giant. Deep golden yellow. Large flowers.

Tr. Pkt.	15c	1/4 oz.	30c	Oz.	85c

Double Sunburst. Deep golden yellow flowers.

Tr. Pkt.	20c	Oz.	\$1.00

DAISY, SHASTA See Page 36

Delphinium

GIANT PACIFIC HYBRIDS

Black Knight Series. Darkest of all. Flowers 2 1/2 to 3 in., with heavy, velvety mixture.

Blue Bird Series. A white bee on the clearest medium blue petals.

Cameliard Series. Lavender self with white bee; perfectly formed flowers, round and flat. Spikes are uniformly in balance.

Galahad Series. Finest white, 3-inch flowers; pyramidal spikes. Good branching habit, strong stems.

Guinevere. Light pink-lavender with white bee. Large spikes. Excellent branching habit.

King Arthur. Royal violet with white bee. 2 1/2-inch flowers on thin woody stems with graceful foliage.

Lancelot Series. Clear lilac self, a rare color; white bee.

Round Table Series. All the colors of the "Knights and their Ladies" Series, including many not yet introduced.

Summer Skies. Light blue with white bee. Flowers 2 to 2 1/2 inches in diameter.

Tr. Pkt. \$1.25 1/8 oz. \$2.50 1/4 oz. \$4.00 Oz. \$14.00

GIANT PACIFIC HYBRID SHADES

Blue Shades. Lavender and blue.

Clear White. Violet Shades. White bees.

Lavender Shades. Dark bees. V. & R. Mixture. All colors.

Each Tr. Pkt. \$1.00 1/8 oz. \$2.00 1/4 oz. \$3.50 Oz. \$12.00

BLACKMORE & LANGDON'S HYBRID MIXTURE

Awarded 2 Gold Medals at the 1949 Delphinium Show in London by the Delphinium Society and the Royal Horticultural Society proving the continued excellence of this famous strain. Seed harvested from named varieties.

Tr. Pkt.	1/4 oz.	Oz.	4 oz.
Imported Originator's Seed	\$1.00	\$3.25	\$10.00
American Grown Seed	.50	.90	3.00
			\$9.00

CHINENSIS

A useful cut flower and effective in mass plantings.

Blue Mirror. Bright navy blue, spurless flowers. 15 inches.

Tr. Pkt. 50c 1/4 oz. \$1.25 Oz. \$3.75

Cambridge Blue. Rich belladonna blue. 3 ft.

Tr. Pkt. 35c 1/4 oz. 65c Oz. \$2.25

MISCELLANEOUS STRAINS

Belladonna Improved (Cliveden Beauty). A very select strain of brilliant turquoise blue.

Bellamosum Improved.	A rich, deep blue.
Tr. Pkt.	35c 1/4 oz.
	Oz. \$3.00 4 oz. \$11.00

Lamartine. Fairly deep extra bright marine blue.

Tr. Pkt.	35c 1/4 oz.	85c Oz.	\$2.50

Cardinale. Scarlet flowers, yellow center.

Tr. Pkt.	35c 1/4 oz.	85c Oz.	\$4.85

Giant

Pacific

Hybrids

Excellent

for

Cutting,

Flowers

Do Not

Shatter



A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS



Shasta Daisy Giant Double White

DAISY, SHASTA

Diener's Giant Double White. Produces immense white flowers 4 and 5 inches across. Blooming over a period of several months, the flowers are almost fully double when plants become thoroughly established.

Tr. Pkt. 50c 1/16 oz. \$1.25 1/8 oz. \$2.00

G. Marconi (Diener.) Excellent variety for greenhouse and outdoor culture. Produces giant double flowers of about 7 inches diameter. Stems 2 1/2 to 3 feet long. Originators Pkt. 60c Reselected Stock. Tr. Pkt. 50c 1/8 oz. \$1.50 1/4 oz. \$2.75

Alaska. The popular standard Shasta Daisy. Domestic seed. 3 ft. Tr. Pkt. 15c 1/4 oz. 40c Oz. \$1.25

DIANTHUS (Hardy Pinks)

BARBATUS (Sweet William)

SINGLE

Dark Crimson.

Giant White.

Holborn Glory. Crimson,

large white eye.

Tr. Pkt. 35c 1/4 oz. 80c Oz. \$2.50

Midget Mixed. Lovely compact alpine plants 4 inches tall in a wide range of colors. Perfect for perennial border and used by many as a pot plant. Tr. Pkt. 40c 1/4 oz. \$1.00 Oz. \$3.50

DOUBLE

Mixed. Tr. Pkt. 35c 1/4 oz. 80c Oz. \$2.50

PLUMARIUS (Clove Pinks) Tr. Pkt. Oz.

Spring Beauty. A wide color range of large carnation-like flowers of giant size. Fragrant. (1/4 oz., \$1.50) 50c \$5.00

Scoticus Double Special Florist Strain.

Self colors of various tints of pink, rose, salmon and white, and the combination of these colors with bright crimson zones. Free flowering. 12-15 inch stems

(1/4 oz., \$1.25) 35c 4.25

Single Mixed. (1/4 oz., 40c) 15c \$1.35

VARIOUS TYPES

Caesius (Cheddar Pink). Pink flowers. 6 inches. (1/4 oz., 75c) 35c 2.25

DIANTHUS VARIOUS TYPES—Continued

	Tr. Pkt.	Oz.
Delight. A hybrid between Sweet Wivelsfield and Dianthus Roysii. Flowers continuously out of doors from June until October. Pink to deep purple. (1/8 oz., \$1.00)	35c	....
Deltaoides. Mixed.	35c	....
Loveliness. Mauve-pink flowers of latifolius type. Pleasant fragrance. (1/8 oz., \$1.25)	50c	....
Rock Garden Species Mixed. A special mixture containing varieties suitable for the rockery. (1/4 oz., 85c)	25c	\$2.85
Sweet Wivelsfield. See page 32.		
Annual Dianthus. See page 16.		

DICENTRA

	Tr. Pkt.	Oz.
Exima. (Plumed Bleeding Heart). 12 in. (1/4 oz., \$1.00)	35c	\$3.50
Spectabilis (Bleeding Heart). (1/16 oz., \$1.85)	\$1.00	....

DIGITALIS (Foxglove)

	Tr. Pkt.	Oz.
Gloxiniaeflora. Mixed spotted flowers. (1/4 oz., 50c)	25c	1.65
Shirley Mixed. (1/4 oz., 50c)	25c	1.65

GAILLARDIA

	Tr. Pkt.	Oz.
The Dazzler. Intense golden yellow with maroon center Preferred by florists. 3 ft. (1/4 oz., 60c)	25c	\$1.85
Portola Hybrids. Plants of strong, vigorous, upright habit. Red flowers tipped golden yellow. Strong stems. 2 1/2 to 3 ft. (1/4 oz., 50c)	25c	1.75

GERBERA

Excellent for pots or cutflowers. (Greenhouse perennial).	Tr. Pkt.	Oz.
Jamesoni. Hybrids. Mixed. 100 seeds	40c	1000 seeds

GEUM

	Tr. Pkt.	Oz.
Lady Stratheden. Large double flowers of rich golden yellow. (1/4 oz., 75c)	25c	\$2.50
Mrs. Bradshaw. Large double scarlet. (1/4 oz., 75c)	25c	2.50

GYPSOPHILA (Baby's Breath)

	Tr. Pkt.	Oz.
PANICULATA. Fine mist-like flowers which make excellent filler for bouquets.		
Single. Pure white. (1/4 lb., \$1.50)	15c	50c

Double. Pure white. (1/4 oz., \$1.25)	50c	\$4.50
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PACIFICA. Small pink blooms borne profusely after the paniculata varieties are past. (1/4 oz., 85c)	25c	2.85
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REPENS. Excellent for rock gardens or edging. 6 inches. White (1/4 oz., 75c)	25c
Rosea	25c

HEUCHERA (Coral Bells)

Dainty bell-shaped flowers on slender stems are held well above the light green, slightly hairy leaves. 18 in.	Tr. Pkt.	Oz.
Sanguinea Splendens. Vermilion. (1/16 oz., \$1.85)	50c	....
Sanguinea Hybrids. Mixed colors. (1/16 oz., \$1.85)	50c	....

HIBISCUS (Mallow Marvels)

A shrub-like plant bearing huge single flowers in August and September. 4 ft.	Tr. Pkt.	Oz.
Giant Mixed. Red, pink and white. (1/4 oz., 50c)	25c	1.35

HOLLYHOCK (Althea Rosea)

DOUBLE STRAINS

Chater's. The popular double in separate colors.

Bright Rose	Newport Pink	Scarlet
Lilac	Red	White
Maroon	Salmon-rose	Yellow

Mixture		
Tr. Pkt. 30c	1/4 oz. 50c	Oz. \$1.50

A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS

HOLLYHOCK—Continued

Imperator Improved.	Very large double fringed blooms in delicate tints shading from pink to cerise salmon. 5 to 6 ft.		
Tr. Pkt.....	35c	1/4 oz.....	55c Oz..... \$1.85
Triumph.	A mixture of rich colors. Large double flowers somewhat earlier and having a more dwarf, branching habit than others. 4 to 5 ft.		
Tr. Pkt.....	35c	1/4 oz.....	50c Oz..... \$1.65

SINGLE

Allegheny Mixed.	Single and semi-double flowers in a wide range of showy colors. Tr. Pkt.....	15c	1/4 oz.....	30c Oz.....	80c
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IBERIS (Hardy Candytuft)

Gibraltarica.	Lilac shading white. Flowers large. Plants about 1 ft.			
Tr. Pkt.....	25c	1/4 oz.....	50c Oz.....	\$1.50
Sempervirens.	The popular hardy white variety. 1 ft.			
Tr. Pkt.....	50c	1/4 oz.....	1.25 Oz.....	\$4.50

LATHYRUS (Hardy Sweet Pea)

Latifolius.	A showy, free-flowering, climber for covering old stumps fences, etc. Continually in bloom, fine for cutting.		
Crimson	Pink Beauty	White Pearl	Mixture

Tr. Pkt.....	25c	1/4 oz.....	35c Oz.....	\$1.00
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LIATRIS (Blazing Star, Gay Feather)

Pycnostachya.	Most showy and attractive with its long spikes of rosy purple flowers from July to September; 5 feet.			
Tr. Pkt.....	25c	1/4 oz.....	85c Oz.....	\$2.75
Scariosa.	Deep purple flowers on graceful stems 3 to 4 feet high.			
Tr. Pkt.....	40c	1/4 oz.....	\$1.00 Oz.....	\$2.85
Scariosa September Glory.	Particularly valuable because it comes into flower all at once. September flowering on 6 ft. spikes.			
Tr. Pkt.....	50c	1/4 oz.....	\$1.50 Oz.....	\$5.50

LILIMUM

Longiflorum Praecox "White Queen."	One of the best lilies grown from seed. Excellent for cutting and pots. True imported strain.				
Tr. Pkt.....	\$1.00	1/8 oz.....	\$2.75	1/4 oz.....	\$5.00
Philippinense Formosanum.	Large, white, long-trumpet-shape flowers, like an Easter Lily. Will bloom in 6 to 8 months from the time seeds are sown. Very fragrant. 2 to 3 feet.				
Tr. Pkt.....	50c	1/4 oz.....	\$1.00	Oz.....	\$3.60
Regale.	Easily grown from seed, flower the second season.				
Tr. Pkt.....	25c	1/4 oz.....	55c	Oz.....	\$1.65
Tenuifolium (Coral Lily).	Bears in profusion medium-sized flowers of perfect form and of dazzling coral red. May. 1 to 2 feet.				
Tr. Pkt.....	20c	1/4 oz.....	85c	Oz.....	\$3.00

LINUM

Perenne Sibericum.	Attractive blue flowers produced on plants 2 1/2 ft. tall. Tr. Pkt.....	15c	Oz.....	50c
Flavum Nanum Compactum.	Dwarf yellow continuous bloomer. 6 in. Tr. Pkt.....	25c	1/4 oz.....	80c

LOBELIA

Cardinalis (Cardinal Flower).	Fiery red flowers. 3 ft. Tr. Pkt.....	35c	1/4 oz.....	\$1.25	Oz.....	\$3.75
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LUNARIA

Biennis Alba (Honesty).	White flowers followed by silvery flat pods. Prized for winter bouquets.				
Tr. Pkt.....	25c	1/4 oz.....	35c	Oz.....	\$1.25

LUPINUS (Polyphyllus)

Spike	resembles a closely set, well rounded column of Sweet Peas. Requires a well drained location and thrives in cool climate.				
Russell Mixed.	A wide range of extraordinary colors both selfs and bicolors.				
Tr. Pkt.....	35c	1/4 oz.....	55c	Oz.....	\$2.00

LYCHNIS (Maltese Cross)

Chalcedonica.	Bright fiery scarlet flowers in June and July. 2 ft. Tr. Pkt.....	25c	1/4 oz.....	45c	Oz.....	\$1.50
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MATRICARIA (Feverfew)

Ball's Double White.	This is the only full double flowering pure white strain of Feverfew from seed. 18 inches. Tr. Pkt.....				
1/2 oz.....	\$1.00	1/4 oz.....	\$1.80	Oz.....	\$5.85
Golden Ball.	Yellow. 8 inches.				
Tr. Pkt.....	35c	1/4 oz.....	75c	Oz.....	\$2.35



Russell Lupins

MYOSOTIS (Forget-Me-Not)

Oblongata, Blue Bird.	Large deep flowers 3 to 4 months after sowing. Also splendid for growing indoors during the winter. 12 inches.				
Tr. Pkt.....	35c	1/4 oz.....	85c	Oz.....	\$3.00

Alpestris, Royal Blue.	Deep rich blue flower.				
Tr. Pkt.....	25c	1/4 oz.....	90c	Oz.....	\$3.25

OENOOTHERA

Lamarkiana.	Yellow flowers of good size on long spikes.		
Tr. Pkt.....	15c	Oz.....	60c

PENTSTEMON (Bearded Tongue)

Hybrid Gloxinoides Mixed.	Careful selection of the choicest Hybrids 2 1/2 ft. Tr. Pkt.....	35c	1/4 oz.....	\$1.00
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PHYSALIS (Chinese Lantern Plant)

Franchetti.	Bright orange-scarlet lantern-like fruits which are used extensively for floral decorations.				
Tr. Pkt.....	30c	1/4 oz.....	80c	Oz.....	\$2.85

PLATYCODON (Balloon Flower)

Grandiflorum.	Bell-shaped flowers on graceful stems from June to September. 2 ft.
Blue	White

Blue	White				
Tr. Pkt.....	35c	1/8 oz.....	90c	1/4 oz.....	\$1.65

POPPY, ORIENTAL

Huge	brilliantly colored cup-shaped flowers. A good percentage of plants will be true to color. 3 ft.
Brilliant.	Bright fiery red..... (1/4 oz., \$1.65) 35c

Princess Victoria Louise.	Salmon..... (1/4 oz., \$1.35) 35c
Scarlet	..... (1/4 oz., 60c) 25c

Scarlet	..... (1/4 oz., 60c) 25c
Mixed.	A selection of the finest varieties. (1/4 oz., \$1.00) 35c

Tr. Pkt.	Oz.
Tr. Pkt.	Oz.

A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS



Scabiosa House's Giant Hybrids

PRIMULA (Hardy Primrose)

Auricula Choice Mixed. Bright pastel shades. Fragrant flowers produced in April and May. 6 in.
 Tr. Pkt. 75c 1/8 oz. \$1.85 1/4 oz. \$3.25
Bullesiana Hybrids. Shades of yellow, orange, apricot and carmine. May-June. 1 1/2 feet. Tr. Pkt. 50c
Chinensis Dazzler. Scarlet, single. Tr. Pkt. \$1.00

PRIMULA POLYANTHA VERIS HYBRIDS

A.B.C. Private Stock. Exceptional wide range of brilliant colors. Plants compact with good stems. Tr. Pkt. \$1.25 3 Tr. Pkts. \$3.00

PYRETHRUM ROSEUM (Persian Daisy)

Atrosanguineum. Dark crimson. Single Mixed.
Rose. Bright rose. Double Mixed.
 Tr. Pkt. 50c 1/4 oz. \$1.65 Oz. \$4.75
Parthenifolium Aureum (Golden Feather).
 Tr. Pkt. 15c Oz.90c

RUDBECKIA (Cone-Flower)

Purpurea. Reddish purple with a remarkably large cone-shaped center of brown. Forms bushy plants and blooms from July to October. 3 ft.
 Tr. Pkt. 25c 1/4 oz. 85c Oz. \$3.00

SCABIOSA

An excellent cut flower with long wiry stems. Blooms from June to September. 2 to 3 ft.

Caucasica. Soft lavender-blue.
 Tr. Pkt. 25c 1/4 oz. 75c Oz. \$2.50
House Giant Hybrids. Colors from white to darkest blue. Very large flowers. Tr. Pkt. 35c 1/4 oz. \$1.00 Oz. \$3.50

COLUMBARIA
 Lavender Tr. Pkt. 25 1/4 oz. 75c Pink Oz. \$2.50

STATICE (Sea Lavender)

Splendid hardy perennial producing panicles of minute flowers which can be dried and used for winter bouquets.
Caspia. Lilac flowers. Very vigorous. 2 ft.
 Tr. Pkt. 25c 1/4 oz. 80c Oz. \$2.60

STATICE (Sea Lavender) Continued

<i>Dumosa</i> . Dense clusters of pure silver gray blooms; 30 inches.	Tr. Pkt. 35c	1/4 oz. 85c	Oz. \$3.00
<i>Latifolia</i> . Purplish flowers.	Tr. Pkt. 25c	1/4 oz. 60c	Oz. \$3.00

STOKESIA

<i>Cyanea</i> . Large lavender-blue flowers. 2 ft.	Tr. Pkt. 35c	1/4 oz. 85c	Oz. \$2.85
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SWEET WILLIAM (See *Dianthus Barbatus*)

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THALICTRUM (Meadow Rue)

<i>Adiantifolium</i> . Yellow flowers. 1 1/2 ft. Tr. Pkt. 20c	1/4 oz. 50c		
<i>Dipterocarpum</i> . Graceful sprays of violet-mauve flowers. Fine for cutting. 4 ft.	Tr. Pkt. 50c	1/4 oz. 85c	Oz. \$2.25

THERMOPSIS

<i>Caroliniana</i> . Showy long spikes of Lupin-like yellow flowers produced in June and July. Excellent for cutting. Seeds germinate slowly. 3 feet.	Tr. Pkt. 25c	1/4 oz. 80c	Oz. \$2.35
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TRITOMA

Yellow to orange-red spikes of narrow, tubular flowers. Blooms from August to October. 3 to 4 ft.

<i>Early Flowering Hybrids</i> . A fine range of colors.	Tr. Pkt. 35c	1/4 oz. 85c	Oz. \$3.00
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<i>Fitzter's Hybrids</i> . Scarlet.	Tr. Pkt. 30c	1/4 oz. 70c	Oz. \$2.25
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TROLLIUS (Globe Flower)

Seed should be frozen over winter for proper germination.

<i>Lebedouri</i> . Orange. 24 inches.	Tr. Pkt. 50c	1/8 oz. 50c	\$2.00
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<i>Europaeus</i> . Yellow. Tr. Pkt. 35c	1/8 oz. 90c	\$1.25
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TUNICA

<i>Saxifraga</i> . A pretty tufted plant with light pink flowers produced all summer. Useful either for the rockery or the border. 10 inches.	Tr. Pkt. 35c	1/4 oz. 90c
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VALERIANA (Valerian)

<i>Mixed</i> . Showy, hardy border plants producing large corymbs of red or white flowers. Fine for bouquets. 2 feet.	Tr. Pkt. 25c	1/4 oz. 75c
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VERONICA (Speedwell)

<i>Spicata</i> . Has long spikes of bright blue flowers in June and July. 1 1/2 ft.	Tr. Pkt. 35c	1/4 oz. 80c	Oz. \$2.25
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VIOLA

While smaller flowered than pansies, these tufted pansies are very free flowering and more persistent. Excellent for bedding. About 8 inches.

CORNUTA	Tr. Pkt.	1/4 oz.	Oz.
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<i>Apricot</i> . Beautiful rich apricot shades.	50c	\$2.00	\$6.00
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<i>Arkwright Ruby</i> . Bright ruby crimson, with central markings; velvety; fragrant.	50c	2.60	8.00
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<i>Blue Perfection</i> . Light blue. Large flowered.	50c	1.75	5.50
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<i>Chantreyland</i> . A perfect <i>Viola</i> , pure apricot.	50c	2.25	6.65
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<i>Jersey Gem</i> . Compact habit, deep violet blue 8 in. (1/8 oz. \$2.25)	50c
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<i>Lutea Splendens</i> . Chrome yellow. 8 in.	35c	1.50	4.50
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<i>Papilio</i> . Deep violet.	35c	1.25	4.00
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<i>Primrose Perfection</i> . A good yellow.	35c	1.40	4.75
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<i>White Perfection</i> . White. Large flowered. 8 in.	35c	1.40	4.75
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<i>Special Mixture</i> . Bright shades of self colors of red, yellow, blue and apricot.	50c	1.50	5.00
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JOHNNY JUMP UP TYPE

The individual flowers are a combination purple, blue and yellow.

<i>Blue Elf</i>	50c	2.25
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A. B. C. Vegetable Seed

Spring plant sales mean added profits. You will be serving your own best interests as well as those of your customers by supplying superior quality plants. Don't make the mistake of jeopardizing your customers' satisfaction by offering plants grown from inferior seed. For continued repeat business from your trade, sow A.B.C. "Supreme Quality" Vegetable Seed.

This list contains some of the leading varieties in demand throughout the country. If you want some fine varieties which are particularly adapted to your section, we will supply you at prevailing market prices. Send us your list of requirements.

This year we list two outstanding first generation (F₁) Hybrids, Burpee Hybrid Cucumber and Burpee Hybrid Tomato. These have outyielded standard varieties and have proved highly disease resistant in both commercial plantings and experiment station trials. Their quality is unsurpassed. Be sure to include them in your order.

Note: The column headed DAYS refers to the number of days from sowing to marketable condition, except as noted. This is an average under normal conditions.

	Days	Oz.	1/4 lb.	Lb.	CELERIAC, Root Celery	Days	Oz.	1/4 lb.	Lb.	
ASPARAGUS					Large Smooth Prague					
Mary Washington	—	25c	60c	\$1.75		110	65c	\$2.00	\$6.00	
BEANS, Bush Green		Lb.	5 lbs.	10 lbs.	CELERY		Oz.	1/4 lb.	Lb.	
Bountiful	48	45c	\$2.00	\$3.75	Easy Blanching	110	80c	\$2.50	\$7.00	
Stringless Green Pod	53	45c	2.00	3.75	Golden Plume or Wonderful	85	\$1.00	3.25	9.50	
BEANS, Bush Wax					Golden Self Blanching. Short	90	1.00	3.00	9.00	
Sure Crop Wax	55	45c	\$2.00	\$3.75	Giant Pascal	140	75c	2.50	7.50	
BEANS, Pole					Utah Green	130	80c	2.60	8.00	
Kentucky Wonder	65	45c	\$2.00	\$3.75	CHARD, Swiss		Oz.	1/4 lb.	Lb.	
BEANS, Lima					Lucullus	60	15c	45c	\$1.25	
King of the Garden (Pole)	88	50c	\$2.25	\$4.25	CORN, Sweet		Lb.	5 lbs.	10 lbs.	
Burpee's Bush Imp.	75	50c	2.25	4.25	Golden Bantam	80	40c	\$1.65	\$3.25	
BEETS		Oz.	1/4 lb.	Lb.	Marcross. Hybrid	72	60c	2.35	4.50	
Crosby's Egyptian	58	20c	60c	\$1.65	Golden Cross Bantam. Hybrid	85	60c	2.35	4.50	
Detroit Dark Red	55	20c	60c	1.65	Stowell's Evergreen. Late	100	40c	1.65	3.25	
BROCCOLI		Oz.	1/4 lb.	Lb.	CUCUMBER					
Green Sprouting Calabrese	75	45c	\$1.35	\$4.00	Burpee Hybrid. 60 days. Highly resistant to mosaic and downy mildew, this strain outyields the open pollinated varieties.					
BRUSSELS SPROUTS	Days from setting plants	Oz.	1/4 lb.		1/4 oz.	\$1.50	1/2 oz.	\$2.20	Oz.	\$4.25
Long Island Improved	90	50c	\$1.65	\$4.65						
CABBAGE, Chinese	Days	Oz.	1/4 lb.							
Chihli	70	25c	75c	...	Chicago Pickling	60	25c	75c	\$2.00	
Wong Bok	75	25c	75c	...	Early Fortune	66	25c	70c	1.90	
CABBAGE, Early	Days from setting plants	Oz.	1/4 lb.	Lb.	Long Green, Improved	68	35c	90c	2.75	
*All Head Select	80	45c	\$1.40	...	Straight Eight	66	35c	90c	2.75	
Copenhagen Market	66	50c	1.55	\$5.00						
Early Flat Dutch	71	45c	1.40	4.00						
Early Jersey Wakefield	62	40c	1.10	3.50						
Red.										
Golden Acre	64	45c	1.40	4.00						
*Marion Market	75	45c	1.50	4.50						
CABBAGE, Late										
Danish Ballhead (Short Stem)	95	40c	\$1.10	\$3.50						
Mammoth Red Rock	100	45c	1.35	4.10						
Premium Flat Dutch	105	40c	1.10	3.50						
Savoy—Chieftain	88	50c	1.50	...						
*Wisconsin All-Seasons	92	50c	1.10	4.00						
*Indicates Resistant varieties.										
CANTALOUE (See Muskmelon).										
CARROT	Days	Oz.	1/4 lb.	Lb.						
Cantenay, Red Cored	70	25c	75c	\$2.00						
Danvers Half Long	75	25c	65c	1.75						
CAULIFLOWER	Days from setting plants	1/2 oz.	Oz.	4 oz.						
A.B.C. Super Snowball	55	\$1.75	\$3.00	\$9.50						
Snowdrift	65	1.75	3.00	9.50						



Cabbage Golden Acre



Bibb Lettuce

You haven't eaten real lettuce until you've eaten Bibb.

EGG PLANT	Days from setting plants	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Black Beauty	80	75c	\$2.25	\$6.00	
Imp. New York Purple	83	75c	2.25	6.00	

ENDIVE	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Full Heart Batavian	90	25c	60c	\$1.75	
Deep Heart Fringed	90	25c	60c	1.75	

HERBS

Basil, Sweet. Tr. Pkt.	20c	Oz.	60c		
Dill. Tr. Pkt.	10c	Oz.	25c		
Sage Tr. Pkt.	20c	Oz.	50c		
Savory, Summer. Tr. Pkt.	20c	Oz.	60c		
Sweet Marjoram. Tr. Pkt.	20c	Oz.	75c		
Thyme. Tr. Pkt.	20c	Oz.	\$1.15		

KALE OR BORECOLE	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Dwarf Green Curled	85	35c	80c	\$2.50	
Siberian	85	35c	80c	2.50	

KOHLRABI

Early White Vienna (Short Top)...	55	35c	\$1.25	
Early Purple Vienna	55	35c	1.25	

LEEK

Large Flag	150	50c	\$1.65	
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LETTUCE, Head	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	

Bibb	57	30c	85c	\$2.50	
Big Boston	76	25c	70c	2.00	
Great Lakes	75	65c	\$1.75	5.35	

LETTUCE, Leaf

Black Seeded Simpson	45	20c	60c	\$1.75	
Grand Rapids Forcing	42	25c	75c	2.10	

MUSKMELON	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Hearts of Gold	100	30c	85c	\$2.50	
Honey Dew	110	30c	85c	2.50	
Honey Rock	85	30c	85c	2.50	
Rocky Ford	92	30c	85c	2.50	
WATERMELLON	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Kleckley's Sweets	85	25c	75c	\$2.00	
Stone Mountain	90	25c	75c	2.00	
ONION	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Ebenezer	100	50c	\$1.55	\$4.65	
Southport White Globe	120	45c	1.50	4.50	
Sweet Spanish	105	50c	1.55	4.65	
Yellow Globe Danvers	110	50c	1.55	4.65	
PARSLEY	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Hamburg Rooted	90	20c	50c	\$1.50	
Triple Curled Champion	70	20c	50c	1.50	
PEAS	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Laxtonian	62	35c	\$1.50	\$2.75	
Little Marvel	64	35c	1.50	2.75	
Nott's Excelsior	59	35c	1.50	2.75	
Thomas Laxton	57	35c	1.50	2.75	
PEPPER	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
California Wonder Early	63	45c	80c	\$2.50	
Ruby King	65	35c	65c	2.00	
World Beater	70	40c	65c	2.00	
Harris Early Giant	63	40c	70c	2.25	
Large Bell (Bull Nose) (Hot)	65	35c	60c	2.00	
Red Chili	82	35c	65c	2.00	
Sunnybrook, Tomato-shaped	73	50c	80c	2.25	
Long Red Cayenne	72	35c	60c	2.00	
Sweet Mountain (Bull Nose)	65	40c	70c	2.25	
Pimiento Perfection	75	40c	70c	2.00	
Hungarian Yellow Wax (Hot)	65	40c	70c	2.00	
Hungarian Sweet	65	50c	\$1.00	3.00	
PUMPKIN	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Connecticut Field	70	15c	50c	\$1.50	
Small Sugar	75	15c	50c	1.50	
Winter Luxury	75	30c	70c	1.75	
RADISH	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Scarlet Globe (Short Top)	23	45c	\$1.25	\$5.50	
Scarlet Turnip (White Tip)	25	40c	1.20	5.25	
White Icicle (Short Top)	25	45c	1.25	5.50	
Round Black Spanish (Late)	55	40c	1.25	....
RUTABAGA	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
American Purple Top	100	15c	35c	\$1.00	
SPINACH	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Bloomsdale, Long Standing	45	30c	70c	....
King of Denmark	48	30c	70c	....
SQUASH, Summer	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Bush Scallop White	50	25c	65c	\$2.00	
Crookneck	55	20c	50c	1.60	
Giant Straightneck	55	25c	65c	2.00	
SQUASH, Winter	Days	Days from setting plants			Lb.
		Oz.	1/4 lb.	Lb.	
Acorn	60	25c	65c	\$2.00	
Butternut	100	50c	\$1.35	4.00	
Delicious	103	25c	65c	2.00	
Golden Hubbard	100	25c	65c	2.00	
Original Hubbard	105	25c	65c	2.00	
SWISS CHARD—See Chard.					



Tomato Ventura

TOMATO, SPECIAL FORCING

Globe Strain "A". Somewhat larger than regular Globe. Very firm and productive pink. A good shipper.

1/4 oz. \$1.00 Oz. \$3.00

Globelle. Selection out of Globe.

1/4 oz. \$1.00 Oz. \$3.00

Michigan State Forcing. Rich deep scarlet. Heavy producer. Very generally grown. 1/4 oz. 75c Oz. \$2.50

Waltham Forcing Certified. Developed by Mass. Agr. Exp. Station. Heavy producer of 4-oz. scarlet fruits. Widely grown in the East. 1/4 oz. 75c Oz. \$2.50

TOMATO, A. B. C. SELECT STRAINS

Burpee Hybrid. 70 days. Earlier and more prolific than Marglobe or Rutgers. Highly disease resistant. Excellent for home garden, "green wrap," canning and long distance shipping. Tr. Pkt. \$1.50
 1/8 oz. \$4.75 1/4 oz. \$8.75 1/2 oz. \$16.50

	Days from Setting Plants	Oz.	1/4 lb.	Lb.
Beefsteak (Crimson Cushion)....	84	85c	\$2.75	....
Bonny Best—Red	73	65c	1.85	\$5.50
*Break O'Day	70	65c	2.00	6.00
Earliana	64	70c	2.25	7.00
John Baer—Red	73	65c	2.00	6.00
Jubilee—Yellow	72	85c	2.50	7.00
*Marglobe Supreme—Red	75	70c	2.00	6.00
Oxheart—Pink	90	\$1.15	3.65	10.50
Ponderosa—Pink	85	85c	2.75	7.75
*Pritchard—Red	75	65c	2.00	6.00
Rutgers—Red	73	65c	2.20	6.25
Stone Dwarf—Red	85	70c	2.25	6.50
Stone Improved. Med. Early Red	85	60c	1.85	5.50
Stokesdale—Scarlet	70	65c	2.00	6.25
Ventura—Red. Early, blight re- sistant. Good shipper.....	65	1.20	4.00	12.00

*Indicates Wilt Resistant varieties

TOMATO, Small Fruited

Cherry—Red	75	75c	\$2.65	....
Pear—Red	75	75c	2.65	....
Plum—Yellow	75	75c	2.65	....
Yellow Husk or Ground Cherry.	85	75c	2.65	....

TURNIP

Purple Top White Globe.....	55	15c	35c	\$1.00
Early White Milan.....	45	15c	35c	1.00

A. B. C. LAWN SEED MAKES "Beautiful Lawns"

★ There is no substitute for quality in grass seed. Into the A. B. C. Mixtures are blended the finest available heavy weight seed—seeds of hardy perennial grasses that produce a deep-rooted permanent turf of real beauty.

Each year more florists and landscape gardeners sow our mixtures for best results. Despite the unstable, high prices of fine grasses, our formula has remained the same year after year except that we are now omitting clover as explained below.

A. B. C. SUNNY MIXTURE

Heavy weight Kentucky Blue Grass and Fancy Red Top blended with other fine grasses make this mixture outstanding.

Per lb.	Per lb.
1 to 25 lbs. 90c	50 lbs. 88c
25 lbs. 89c	100 lbs. 87c

Sow 1 lb. of grass seed to 200 sq. ft.

150 pounds to one acre.

Many of our customers prefer mixtures without clover therefore we no longer include it in our mixtures. For those desiring clover we offer the finest grade of White Dutch Clover separately below.

Better results and more even distribution can be obtained by sowing clover separately. Use 4 ounces to every pound of grass seed sown.

FANCY WHITE DUTCH CLOVER

1 to 10 lbs.	\$1.30
10 lbs. and over	1.25

NOTE: All prices are subject to change without notice. Grass Seed prices are net cash. F. O. B. Chicago and New York.

A. B. C. SHADY MIXTURE

A specially prepared blend of shade loving grasses makes this mixture more suitable for shaded areas.

Per lb.	Per lb.
1 to 25 lbs. 95c	50 lbs. 93c
25 lbs. 94c	100 lbs. 92c





A. B. C. "SUPREME QUALITY" GLADIOLUS BULBS

Grown Exclusively for Corms

For stock that incorporates the required vitality to produce real results, A. B. C. "Supreme Quality" Gladiolus Bulbs are recommended to the grower. With a total output of bulbs produced exclusively for bulb harvest only from young corms, we are ready to meet the requirements of growers who desire high quality at a fair price.

Grown Under Close Supervision

Bulbs furnished by us are produced in sandy loam ideal for their culture and are thoroughly cured before shipping. Our growers hold Agricultural Inspection Certificates that assures you the bulbs are free from thrips and other diseases.

	1 1/2" up per 1000	1 1/4-1 1/2" per 1000
Atlantic —(New) Very large brilliant red.....	\$40.00	\$35.00
Beacon —Tall salmon scarlet, cream blotch.....	22.00	18.00
Betty Nuthall —Coral pink.....	20.00	17.00
Blue Beauty —Best medium blue.....	32.00	28.00
Corona —Fine cream with rose edge.....	35.00	30.00
Dr. Bennett —Ruffled fiery red.....	24.00	22.00
Early Rose —Early medium rose.....	24.00	22.00
Edith Cave Cole —Fine large pink.....	27.00	24.00
Elizabeth The Queen —Best of all lavenders.....	40.00	35.00
Flaming Sword —Early brick red.....	20.00	18.00
*Gelber Herald —(New) Finest yellow ruffled.....	50.00	45.00
Gold Dust —Fine deep yellow.....	24.00	20.00
*Hopman's Glory —Deep yellow.....	32.00	28.00
*Johan Van Konynenburg —Finest garnet red.....	35.00	32.00
June Bells —(New) Fine White.....	45.00	40.00
King Lear —Large purple; early.....	25.00	22.00
Kings Red Wonder —(New) Best largest red.....	45.00	40.00
*Lavendel Dream —Tall large lavender.....	37.00	34.00
Leading Lady —Sport of Picardy, cream-white edge.....	45.00	40.00
*Leeuwenhorst —Fine large hydrangea pink.....	45.00	32.00
Maid of Orleans —Large commercial creamy white.....	22.00	20.00
Margaret Beaton —Cream white red blotched.....	22.00	20.00
Margaret Fulton —Fine coral pink.....	22.00	20.00
Miss Bloomington —Early deep lemon yellow.....	22.00	20.00
*Mrs. Marks Memory —Reddish magenta.....	35.00	30.00
Mohawk —Glowing deep red.....	40.00	35.00
*Nieuw Europa —Fine brick red.....	35.00	30.00
Oregon Gold —Fine large yellow.....	35.00	30.00
Pacifica —Large pure white.....	27.00	24.00
*Paul Rubens —Fine purple.....	40.00	35.00
Pelegrina —Early large dark purple.....	26.00	22.00
Picardy —Salmon pink.....	32.00	28.00
Purple Supreme —Finest of purples.....	40.00	35.00
Red Charm —Fine medium red.....	40.00	35.00
Rewi Fallu —Giant deep rich red.....	35.00	30.00
Rosa Van Lima —Bright pink, lighter throat.....	24.00	20.00
*Salmon's Glory —Creamy white, red blotch.....	35.00	32.00
Silver Wings —Large cream white sport of Picardy.....	55.00	50.00
Snow Princess —Fine large commercial white.....	22.00	20.00
Spotlight —Best yellow, red blotch.....	50.00	45.00
Stoplight —Nice medium red.....	30.00	25.00
*Sweet Seventeen —Lavender pink.....	40.00	35.00
Topscore —Vermillion red, carmine, red blotch.....	40.00	35.00
Valeria —Fine commercial scarlet.....	45.00	40.00
Vincent Van Gogh —(New) Deep salmon pink.....	35.00	32.00
Wanda —Creamy white sport of Picardy.....	28.00	25.00
White Gold —Large early cream-white.....	35.00	30.00
Mixed —Fine balanced mixture.....	22.00	20.00

*Varieties of European introduction—all prize winners.

Fancy Leaved Caladiums



Amaryllis, Giant American Hybrid

The Most Profitable Crop To Grow!

	100	1000
Separate Named Varieties....	\$19.00	\$180.00
Named Varieties, Mixed.....	17.00	160.00

CALADIUM ESCULENTUM

(Elephant's Ear)

Much used for bordering Canna beds or sub-tropical plantings. Plants of these always find a ready sale.

	100	1000
7 to 9 inch circumference....	\$ 9.00	\$ 80.00
9 to 11 inch circumference....	15.00	140.00

Amaryllis (Giant American Hybrids)

The value of Amaryllis depends on the quality of the strain. We buy our bulbs from several sources of known reputation and mix these strains ourselves, thus making certain that you get the best obtainable. Every bulb we ship is of flowering size and many produce more than one flowering stem.

	Per 100	Per 1000
2 1/4-2 1/2 inch	\$13.00	\$120.00
2 1/2-2 3/4 inch	15.50	145.00
2 3/4-3 inch	18.50	175.00
3 -3 1/4 inch	28.50	275.00
3 1/4-3 1/2 inch	33.50	325.00
3 1/2 inch up.....	41.00	400.00



Fancy Leaved Caladium

These exotic tropical foliage plants, with gorgeous coloring, provide a brilliant subject unexcelled for many uses. Taking little care, they are ideal for the home, hotel, store or office. Use them for pot plants, window boxes, plant arrangements and wall brackets . . . and don't overlook recommending them for summer use outdoors, around pools and bog gardens or in those shady nooks where color is at such a premium.

Large Flowering Cannas

STRONG NORTHERN GROWN — TRUE TO NAME

DORMANT ROOTS, 3 to 5 Eyes

Our Canna roots are strong, healthy, true Northern Grown. The varieties listed below have proven indispensable where large exhibition showings are needed. Early ordering is suggested, because of the great demand this year.

City of Portland. Deep pink. Green foliage 3 1/2 feet. Extra good flower. Does not fade.

Dorothy S. A new dwarf continuous flowering clear salmon red Canna. Produces large flowers and grows about 4 feet tall. Very vigorous and drought resistant.

Hungaria. 3 1/2 feet. LaFrance pink.

King Humbert. This remarkable Gold Medal Canna has been the sensation of the past ten years and is the greatest favorite today. Handsome, broad, tropical foliage. Scarlet flowers; bronze leaves. 4 feet.

Yellow King Humbert. 4 feet. An orchid-flowering sport of the well-known King Humbert. Flower a deep, rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than a detriment. Green foliage.

The President. 4 feet. This immense new flaming scarlet has come into wider use more quickly than any other Canna. The President leads the red varieties in the quality and also the quantity of its bloom. The foliage is rich green and burn-proof in the hottest weather.

PRICES—All above Cannas: Per 100.....\$6.00 Per 1000.....\$55.00



Canna "The President"

The Last Word in Red-Flowered, Green Foliage, Large-Flowering Cannas

ALL PRICES AND SUPPLY SUBJECT TO CROP CONDITIONS

MISCELLANEOUS BULBS FOR SPRING



Double Flowered Tuberous Rooted Begonia

GLOXINIAS

Our bulbs are of the highest quality grown for us by the best growers in Belgium. We offer superior varieties especially suited to greenhouse culture in the following colors:

Brilliant Red, Blue Bordered White, Red Bordered White, Dark Red, Blue, Violet Blue, Pure White, Pink Bordered White, Dark Pink, Light Blue and Mixture.

	Per 100	Per 1000
1 1/4-1 1/2 inch	\$ 9.00	\$ 80.00
1 1/2-2 inch	13.00	120.00
2 inch and up	19.00	180.00

GLOXINIA CULTURE

Gloxinias are fit companions for the tuberous rooted Begonias and the fancy leaved Caladiums. Their richly colored flowers are most outstanding. Start the tubers in 4-inch pots in a mixture of leaf mold, sand and a little well-rotted cow manure with good bottom heat. Keep shaded and as the leaves appear, be careful with the watering. You cannot do it with the hose, so make use of the old-fashioned way, the watering can, and go over each plant carefully, examine every one and don't apply water unless it is needed, on the other hand, they suffer every bit as much if they don't get water when ready for it, for they want a moist soil. Keep the leaves dry. It doesn't hurt to get them moist on a hot day early in the morning, but they soon go if you wet them every time you water the plants. They want a little shade most of all, but if you overdo it you may obtain foliage but no flowers.

SINGLE TUBEROSES

Per 100.....\$5.00 Per 1000.....\$45.00

Our strain of "Pearl" is the true, large-flowered type, far superior to the old variety. Bulbs are clean and properly graded in sizes offered.

Double Pearl, 3 to 4 inches. 100.....\$4.00 1000.....\$35.00
Double Pearl, 4 to 6 inches, extra large. 100.....7.00 1000.....65.00

Begonias

TUBEROUS ROOTED BEGONIAS

Belgian Grown

Large Flowering Type

With its bright colors, richness of foliage and easy culture it has become a favorite with the public in gardens and homes.

CULTIVATION. The begonia prefers partial shade and not too warm a place where they will give best results specially in wet summers. For cultivation in greenhouses, shade is necessary.

Forcing can be started in February, March or April, depending on the time they should be in flower. The bulbs are placed in boxes, on light porous soil close together, and then covered with earth to a depth of one inch above the bulb. The earth should be kept just moist, too much water will rot the bulbs.

When the plants begin to develop place them in pots.

DOUBLE CAMELIA FLOWERED

We offer the following colors:

Scarlet, Yellow, Copper, Rose, White, Salmon, Crimson and Mixed.

	Per 100	Per 1000
1 1/4-1 1/2 inch	\$ 6.00	\$ 50.00
1 1/2-1 3/4 inch	9.00	85.00
2 inch and up	12.00	110.00

DOUBLE FIMBRIATA—Mixed colors:

1 1/2 inch. Per 100.....\$11.00 Per 1000.....\$100.00



Large Flowering Gloxinia

Lilies FOR SUMMER BLOOMING

IMPORTED JAPANESE LILIES

From Cold Storage

LILIUM RUBRUM

	Per 100	Per Case
7-9 inch 250 to case.....	\$25.00	\$60.00
8-9 inch 200 to case.....	32.00	60.00
9-10 inch 140 to case.....	38.00	50.00
9-11 inch 125 to case.....	43.00	50.00
10-11 inch 110 to case.....	45.00	
11-13 inch 90 to case.....	40.00	
13-15 inch 50 to case.....	35.00	

LILIUM TURATUM

7-9 inch 250 to case.....	\$22.00	\$50.00
8-9 inch 200 to case.....	27.00	50.00
9-10 inch 140 to case.....	35.00	45.00
10-11 inch 110 to case.....	40.00	
11-13 inch 90 to case.....	40.00	
13-15 inch 50 to case.....	35.00	

LILIUM GIGANTEUM (Southern Grown)

6-8 inch 400 to case.....	\$17.00	\$65.00
7-9 inch 300 to case.....	22.00	60.00
8-10 inch 225 to case.....	27.50	60.00

LILIUM TIGRINUM

7-9 inch 300 to case.....	\$20.00	\$55.00
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AMERICAN GROWN LILIES

LILIUM REGALE (Northern Grown)

5-6 inch 500 to case.....	\$ 7.00	\$ 60.00
6-7 inch 250 to case.....	8.00	75.00
7-8 inch 250 to case.....	11.00	100.00
8-9 inch 200 to case.....	14.00	130.00
9-10 inch 100 to case.....	18.50	175.00
10-11 inch 100 to case.....	25.00	240.00

LILIUM FORMOSANUM—WILSONI

4-5 inch	\$13.50
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The Regale Lily

LILY-OF-THE-VALLEY PIPS

Re-selected Exhibition German Pips

FIRST QUALITY

The reputation of A. B. C. Supreme Quality Lily-of-the-Valley is so well established in the trade that little can be added by any commendation on our part.

Beside their cut-flower worth, Lily-of-the-Valley have an added sales value in that Pips can be sold profitably for planting in various receptacles in the home. They can easily be bloomed in four weeks, in moss, sand or soil. A great deal of interest can be created by displaying about 12 growing Pips in a fancy bowl in some prominent spot in your store. The ease with which they can be grown will interest most of your customers in buying them. If merchandised properly, you will find them an extremely profitable item. Packed for us in Germany.

250, 500, 1000, and 2,000 Pips to the case.

They are available for immediate delivery from cold storage.



A. B. C. "Supreme" Quality Valley Pips

Per 1000 \$75.00

"Supreme Quality" LILIES FOR

CROFT LILIES

Our growers are prepared for our requirements so as to enable us to deliver all our advance orders. This season the crop was very short, but being so well established, we were able to execute every advance order we held.

We recommend customers desiring lilies for Easter 1951 to place their order immediately and we will do our part to see that the bulbs are delivered to you on time.

All Croft lilies Precooled before shipping.

7-8 inch—250 bulbs to case
8-9 inch—200 bulbs to case
9-10 inch—150 bulbs to case
10-11 inch—100 bulbs to case

ACE LILIES

A sport of Croft; exceptionally fine large blooms; blooms later than Croft under ordinary growing conditions. Some growers can bring in for Easter under special attention.

7-8 inch—250 bulbs to case
8-9 inch—200 bulbs to case
9-10 inch—150 bulbs to case

GENUINE ESTATE LILIES

Guaranteed from originator's strain. A good lily for greenhouse forcing for cut; very desirable for outdoor planting. Grows taller than Croft and blooms later.

7-8 inch—250 bulbs to case
8-9 inch—200 bulbs to case
9-10 inch—150 bulbs to case

EASTER

MARCH 25th — 1951

Reserve your lilies now for Easter blooming



A house of Croft Lilies grown by Eriksson's Greenhouse, Riverside, Ill., taken a week before Easter.
Bulbs furnished by American Bulb Company.

FALL DELIVERY

JAPANESE GROWN **LILIUM RUBRUM**

Grown in Japan, flowers are larger, more flowers; deeper in color than the strain grown in Holland.

7-9 inch—250 bulbs to case
8-9 inch—200 bulbs to case
9-10 inch—140 bulbs to case
9-11 inch—125 bulbs to case

10-11 inch—100 bulbs to case
11-13 inch—90 bulbs to case
13-15 inch—50 bulbs to case

LILIUM GIGANTEUM

6-8 inch—400 bulbs to case
7-9 inch—300 bulbs to case

8-10 inch—225 bulbs to case
9-10 inch—200 bulbs to case

LILIUM AURATUM

7-9 inch—250 bulbs to case
8-9 inch—200 bulbs to case
9-10 inch—140 bulbs to case

9-11 inch—125 bulbs to case
11-13 inch—90 bulbs to case
13-15 inch—50 bulbs to case

AMERICAN GROWN

LILIUM REGALE

Crop good, bulbs oversized. From storage.

5-6 inch—500 bulbs to case
6-7 inch—250 bulbs to case
7-8 inch—250 bulbs to case

8-9 inch—200 bulbs to case
9-10 inch—100 bulbs to case
10-11 inch—100 bulbs to case

LILIUM FORMOSANUM **Wilsoni**

Early blooming type,
pure white.

4-5 inch 5-6 inch 6-7 inch

LILIUM FLORIDI

Early blooming type,
pure white.

7-8 inch 8-9 inch

LILIUM LONGIFLORUM *Perfection—Creole*

6-8 inch 8-9 inch 10-11 inch
7-8 inch 9-10 inch



Lilium Rubrum

CALLAS AETHIOPICA (White)

For September Delivery

1 1/4-1 1/2 inch	2 -2 1/2 inch
1 1/2-1 3/4 inch	2 1/2 inch up
1 3/4-2 inch	

CALLAS ELLIOTTIANA (Yellow)

1 3/4-2 inch	2 1/2-3 inch
2 -2 1/2 inch	3 inch up

HEADQUARTERS FOR AMERICAN AND HOLLAND GROWN SPRING-FLOWERING BULBS

TULIPS
HYACINTHS

NARCISSUS
IRIS

CROCUS
SCILLA

CHIONODOXA
FREESIAS

MUSCARI
ORNITHOGALUM

RANUNCULUS
ANEMONE

PAPER WHITES
AMARYLLIS



A section of one hundred acres in Oregon devoted to the production of King Alfred Narcissus for The American Bulb Co., Chicago and New York

CHRYSANTHEMUMS

A. B. C.
 "Supreme Quality"
 ROOTED CUTTINGS
 GROWN BY SPECIALISTS

Descriptions of New Varieties for 1950

STARBRIGHT

Early intermediate golden yellow single, flowering with California Yellow Daisy. Excellent for the cloth house and May and June flowering in the greenhouse.

GOLDEN CHORD

Intermediate golden yellow pompon. The variety ranks with Gold Coast and Sunnyside and flowers about November 10.

FORTY-NINER

High quality yellow round pompon. Flowers November 15. A very satisfactory cloth house variety. A good variety to be cutting when the competition is tough. Yellow Bushnell quality in Yellow Fellow season.

GOLDEN HARVEST

(DePetris) Deep gold small pompon. Matures from the end of November into the first week of December. Has excellent growth and substance. A fine productive variety which keeps exceedingly well on the plant or after being cut.

CHAMPAGNE

Intermediate yellow single. A freer grower than Lodestar and about the same season. Responds with Goldsmith and Sunnyside when lighted for December through March flowering.

CINDERELLA

Intermediate yellow single flowering in Yellow Cameo season. No tendency to blindness. Crowns readily, producing well on compound sprays. Can be flowered with Omega and Yellow Cameo from December through March.

PRISTINE

Early intermediate pure white pompon. Responds with Irene for July and August flowering. At its best when period from pinch to shade does not exceed 28 days. Does not spot. The best white for the earliest shadings in the cloth house.

POPCORN

Intermediate white pompon flowering with Pinocchio. Outstanding white cloth house variety. Responds with Gold Coast. Has consistently out-produced all other varieties. The flower is completely double. Very resistant foliage. Clean upright growth habit.

ENCORE

Intermediate pure white pompon to flower with Little America and Sea Gull in the shading program. A more satisfactory variety than Vesper and is excellent for late September and October in the cloth house.

MOONGLOW

Intermediate white pompon. Fine for October and November flowering. Its natural season follows that of Vesper and finishes just ahead of Seafoam and Priscilla.

CRYSTAL BEAUTY

(DePetris) A large solid pure white pompon with general all round perfection. Good sprays on strong petioles. Stem tall and vigorous. Foliage somewhat large. Matures November 25-30.

SILVERSMITH

Large very pure white decorative, immediately following Cameo. Strong, free growth with no tendency toward blindness. Responds with Goldsmith and Omega in the winter flowering program from December through March.

SNOWCREST

(DePetris) An intermediate solid white pompon with a green immature center, full rounded form and excellent substance. A fine and nice growing variety which matures December 10-15 making it useful for a much desired white pompon at that season. A good keeper and quite productive.

Descriptions of New Varieties for 1950

SNOWCAP

Intermediate formal type white pompon for Christmas and for January and February flowering. Growth habit an improvement over Snow and Revelation.

BUTTERSCOTCH

Intermediate golden bronze pompon with same season as Cassandra but with an improved growth habit. Very high quality hard pompon. Excellent for the cloth house when the competition is keen.

RUBICON

Early bronze red decorative to flower with Mary McArthur in July, August and early September. Superior color to Seneca and Red Rust during the summer period.

SAMOVAR

Rosewood bronze decorative flowering at the same time as Red Rust both natural and in the shading program. A good variety for September and October flowering.

BOURBON

Intermediate rust bronze single. Very good form and substance. Flowers about the same time as Carnelia. Better growth habit and more productive than Carnelia, for December through March flowering group with Goldsmith, Cameo and Omega.

FESTIVAL

Small red single for Thanksgiving. Also now being flowered from December through March. The earliest of a group of outstanding red singles in which the growth habit and production is greatly improved over that of varieties listed in the past.

GALAXY

Intermediate bronze single. Same season as Viking and Cavalcade with an improved growth habit. Useful shade of bronze when lighted for the winter program.

HOLIDAY

Intermediate wide petaled red single flowering for Christmas. Freer growth habit than Sarong and therefore better suited for winter flowering than Sarong.

MERRymAKER

Crimson red single for the holiday season and for flowering through January, February and March. A little larger and a better flower form than Christmas Star.

BALLERINA

Intermediate pink single. Early cloth house variety and similar in shading response to the California daisies. Better form and color than October Pink and has a more upright growth habit than that variety. Best with some disbudding. Resistant to Verticillium. Excellent for June flowering.

SOPRANO

Intermediate pink single to follow Ballerina in both the shading program and natural season. Fine for April, May and June flowering with Little America, and White Mensa.

DEFIANCE

(DePetris) Large glowing, true orchid pink pompon of decorative type with a green immature center making a very pleasing color. Excellent free growth and good production. Matures December 20-25.

QUEEN'S LACE

Early white spider. Responds with Silver Sheen and does well in the year 'round flowering program from April-November. It should receive the same cultural treatment, spacing, etc., as Silver Sheen. A very durable flower. Has been very much in demand for June weddings this past season.

TERMS OF SALE

1. The minimum total order that can be accepted is 500 cuttings.
2. Fifty of each variety is the minimum that can be supplied.
3. More than 50 of a variety must be in multiples of 50.
4. No C.O.D. orders.
5. **SAFE ARRIVAL** cannot be guaranteed. All shipments must be in satisfactory condition before being accepted by the common carrier. Our responsibility ceases upon receipt of shipment by their agent. If shipment arrives in bad order customer must file claim against the common carrier.

We, the American Bulb Company, act as agents for the growers, and we do not warrant in any way, expressed or implied, the description, quality, productiveness or any other matter of any cuttings or plants sold by us.

If the customer does not accept the goods on above terms he must return them at once, and money will be refunded or proper credit given. We exercise, however, the greatest care to fill our orders with the highest quality possible, as it is our constant aim to give our customers fullest satisfaction.

All goods are offered subject to crop failures, shortages or other causes beyond our control and to being unsold on receipt of order, and we reserve the right to advance prices without notice.

LARGE FLOWERING STANDARD VARIETIES



Abbreviations used below: Inc.—Incurved; Ref.—Reflexed. Varieties marked † are suitable for pot culture. Varieties marked * are suitable for shading.

WHITE—STANDARDS		Flowering Date	Pinch Date	50 Per 50	100-450 Per 100	500-2450 Per 100	2500 Up Per 100
*White Chief. Inc.	Oct. 15	July 8	\$2.75	\$5.00	\$4.50	...	
*Silver Sheen. Inc.	Oct. 20	July 8	2.75	4.95	4.40	\$3.85	
*Queen's Lace. Spider	Nov. 1	July 14	5.00	9.00	8.00	7.00	
*Albatross. Inc.	Nov. 1	July 14	2.75	4.95	4.40	3.85	
*Betsy Ross. Inc.	Nov. 1	July 16	2.75	4.95	4.40	3.85	
†Ambassador. Inc.	Nov. 1	July 14	2.75	5.00	4.50	4.00	
†Snow White. Inc.	Nov. 1	July 14	2.75	5.00	4.50	4.00	
*Indianapolis White. Inc.	Nov. 8	July 20	3.00	5.40	4.80	4.20	
Jean Elizabeth. Inc.	Nov. 10	July 20	3.25	5.85	5.20	4.55	
Monument. Inc.	Nov. 15	July 22	2.50	4.50	4.00	3.50	
†Marketeer. Inc.	Nov. 18	July 25	2.75	4.95	4.40	3.85	
*Mefo. Inc.	Nov. 20	July 24	3.00	5.40	4.80	4.20	
Chattanooga. Inc.	Nov. 25	July 28	2.75	4.95	4.40	3.85	
†White Frick. Inc.	Nov. 25	July 28	2.75	5.00	4.50	4.00	
December Glory. Inc.	Dec. 1	July 31	2.75	4.95	4.40	3.85	
†Margaret Moeller. Inc.	Dec. 5	July 31	2.75	4.95	4.40	3.85	
White Mistletoe. Inc.	Dec. 10	Aug. 1	2.50	4.50	4.00	3.50	
†Smith's Late White. Inc.	Dec. 15	Aug. 4	3.25	5.85	5.20	4.55	
YELLOW — STANDARDS							
†*Yellow Chief. Yellow—Inc.	Oct. 15	July 8	2.75	5.00	4.50	...	
Gold Lode. Light Yellow—							
Ref.	Oct. 15	July 8	2.50	4.50	4.00	3.50	
	Oct. 15	July 8	2.50	4.50	4.00	3.50	
	Oct. 20	July 8	2.50	4.50	4.00	3.50	
	Oct. 25	July 14	2.75	5.00	4.50	4.00	
	Oct. 25	July 14	3.00	5.40	4.80	4.20	
	Oct. 25	July 14	2.75	4.95	4.40	3.85	
	Nov. 5	July 19	3.00	5.40	4.80	4.20	
	Nov. 8	July 20	3.00	5.40	4.80	4.20	
	Nov. 10	July 19	3.50	6.30	5.60	4.90	
	Nov. 15	July 22	2.50	4.50	4.00	3.50	
	Nov. 20	July 25	3.00	5.40	4.80	4.20	
	Nov. 20	July 25	2.25	4.05	3.60	3.15	
	Nov. 20	July 25	2.75	4.95	4.40	3.85	
	Nov. 20	July 25	4.50	8.00	7.00	6.00	
	Nov. 23	July 24	3.50	6.30	5.60	4.90	
	Nov. 23	July 24	2.75	4.95	4.40	3.85	
	Nov. 25	July 28	2.75	4.95	4.40	3.85	
	Nov. 25	July 28	2.50	4.50	4.00	3.50	
	Nov. 25	July 28	2.75	5.00	4.50	4.00	
	Nov. 25	July 28	2.75	4.95	4.40	3.85	
	Nov. 25	July 28	2.50	4.50	4.00	3.50	
	Nov. 25	July 28	2.50	4.50	4.00	3.50	
	Dec. 3	July 30	2.50	4.50	4.00	3.50	
	Dec. 10	Aug. 1	2.50	4.50	4.00	3.50	
	Dec. 15	Aug. 4	3.25	5.85	5.20	4.55	
	Dec. 15	Aug. 4	3.50	6.30	5.60	4.90	
S							
	Oct. 15	July 8	2.75	4.95	4.40	3.85	
	Oct. 20	July 12	2.75	5.00	4.50	4.00	
	Nov. 5	July 19	2.75	4.95	4.40	3.85	
	Nov. 5	July 19	2.75	5.00	4.50	4.00	
	Nov. 8	July 20	3.00	5.40	4.80	4.20	
	Nov. 10	July 20	3.25	5.85	5.20	4.55	
	Nov. 10	July 20	3.50	6.50	5.60	4.90	
	Nov. 23	July 28	2.75	4.95	4.40	3.85	
	Nov. 23	July 24	2.75	4.95	4.40	3.85	
	Nov. 25	July 28	2.50	4.50	4.00	3.50	
	Dec. 10	Aug. 1	2.50	4.50	4.00	3.50	
STANDARDS							
	Nov. 5	July 19	3.00	5.40	4.80	4.20	
	Nov. 8	July 20	3.00	5.40	4.80	4.20	
	Nov. 10	July 20	3.00	5.40	4.80	4.20	
	Nov. 10	July 20	3.00	5.50	5.00	4.50	
	Nov. 15	July 24	3.00	5.50	5.00	4.50	
	Nov. 15	July 24	3.00	5.40	4.80	4.20	
	Nov. 25	July 28	2.50	4.50	4.00	3.50	
	Nov. 25	July 28	2.50	4.50	4.00	3.50	
	Nov. 25	July 28	2.50	4.50	4.00	3.50	
	Nov. 25	July 28	2.75	5.00	4.50	4.00	
	Nov. 25	Aug. 1	2.50	4.50	4.00	3.50	

POMPONS...DECORATIVE, SINGLE DAISY, ANEMONE

Varieties marked † are suitable for pot culture. Varieties marked * are suitable for shading.

WHITE — POMPONS	Flowering Date	Pinch Date	50 Per 50	100-450 Per 100	500-2450 Per 100	2500 Up Per 100
*Silver Ball. Large Pom.	Oct. 15	July 8	2.50	4.50	4.00	3.50
*Irene. Small Pom.	Oct. 15	July 8	2.50	4.50	4.00	3.50
*Pristine. Large Pom.	Oct. 20	July 8	5.00	9.00	8.00	7.00
Minong. Small Pom.	Oct. 20	July 8	2.75	4.95	4.40	3.85
*Popcorn. Intermediate Pom.	Oct. 25	July 14	5.00	9.00	8.00	7.00
Pinocchio. Small Pom.	Oct. 25	July 14	3.00	5.40	4.80	4.20
†Granite State. Large Pom.	Oct. 25	July 12	3.00	5.40	4.80	4.20
*Cotton Top. Medium Pom.	Oct. 25	July 14	2.75	5.00	4.50	4.00
*Arcadia. Medium Pom.	Oct. 28	July 14	2.75	4.95	4.40	3.85
*Snow Cloud. White—Medium Pom.	Oct. 28	July 15	3.00	5.50	5.00	4.50
*Sea Gull. Medium Pom.	Nov. 1	July 14	2.50	4.50	4.00	3.50
*White Dot. Large Pom.	Nov. 1	July 14	2.50	4.50	4.00	3.50
White Anemone. Medium Anem.	Nov. 5	July 19	2.75	5.00	4.50	4.00
*Encore. Intermediate Pom.	Nov. 5	July 20	5.00	9.00	8.00	7.00
*Rev. Bushnell. Medium Pom.	Nov. 8	July 20	3.00	5.40	4.80	4.20
†Little America. Medium Anem.	Nov. 10	July 20	2.25	4.05	3.60	3.15
Vesper. Medium Pom.	Nov. 10	July 20	2.50	4.50	4.00	3.50
*White Mensa. Medium Daisy.	Nov. 10	July 20	2.75	4.95	4.40	3.85
†Richard Mandel. Medium Anem.	Nov. 10	July 19	2.50	4.50	4.00	3.50
Chicago Pearl. Medium Pom.	Nov. 15	July 22	2.50	4.50	4.00	...
*Moonglow. Intermediate Pom.	Nov. 15	July 24	5.00	9.00	8.00	7.00
*White Freida. Large Daisy.	Nov. 15	July 22	2.50	4.50	4.00	3.50
*Shasta. Medium Anem.	Nov. 15	July 22	2.75	4.95	4.40	3.85
White Norma. Large Anem.	Nov. 18	July 25	2.50	4.50	4.00	3.50
Long Island Beauty. Large Anem.	Nov. 20	July 24	2.50	4.50	4.00	3.50
Matchless. Medium Pom.	Nov. 20	July 28	3.00	5.40	4.80	4.20
Seafoam. Medium Pom.	Nov. 20	July 24	2.50	4.50	4.00	3.50
Priscilla. Medium Pom.	Nov. 23	July 24	2.75	4.95	4.40	3.85
Nevada. Medium Anem.	Nov. 25	July 28	2.75	4.95	4.40	3.85
White Usona. Medium Pom.	Nov. 25	July 28	3.50	6.50	6.00	...
White Valencia. Large Daisy.	Nov. 28	July 28	5.00	9.00	8.00	7.00
Crystal Beauty. Large Pom.	Nov. 28	July 28	5.00	9.00	8.00	7.00
†Cordova. Medium Pom.	Nov. 30	July 28	2.75	4.95	4.40	3.85
Cameo. Medium Pom.	Dec. 5	Aug. 1	2.75	4.95	4.40	3.85
Royal Queen. Medium Pom.	Dec. 5	July 31	2.50	4.50	4.00	...
Silversmith. Large Pom.	Dec. 10	Aug. 2	5.00	9.00	8.00	7.00
White Supreme. Large Anem.	Dec. 10	Aug. 2	2.50	4.50	4.00	3.50
Yukon. Medium Daisy.	Dec. 10	Aug. 1	2.50	4.50	4.00	3.50
Snowcrest. Intermediate Pom.	Dec. 12	Aug. 2	5.00	9.00	8.00	7.00
Garza Supreme. Medium Anem.	Dec. 15	Aug. 4	2.75	4.95	4.40	3.85
Snowcap. Intermediate Pom.	Dec. 15	Aug. 4	5.00	9.00	8.00	7.00
Revelation. Medium Pom.	Dec. 25	Aug. 7	2.25	4.05	3.60	3.15
Snow. Medium Pom.	Dec. 25	Aug. 7	2.50	4.50	4.00	3.50

YELLOW — POMPONS

*Yellow Irene. Small Pom.	Oct. 15	July 8	2.50	4.50	4.00	3.50
*Rodell Imp. Medium Pom.	Oct. 20	July 8	2.50	4.50	4.00	3.50
*Gold Coast. Small Pom.	Oct. 25	July 14	3.00	5.40	4.80	4.20
*Yellow Dot. Medium Pom.	Oct. 25	July 14	2.50	4.50	4.00	3.50
*Blazing Gold. Large Pom.	Oct. 25	July 14	3.00	5.40	4.80	4.20
Ishida. Medium Pom.	Oct. 25	July 14	3.50	6.50	6.00	...
*Starbright. Intermediate Daisy.	Oct. 25	July 14	5.00	9.00	8.00	7.00
*Golden Herald. Large Pom.	Oct. 25	July 14	2.75	4.95	4.40	3.85
*Yellow Arcadia. Medium Pom.	Oct. 28	July 14	2.75	4.95	4.40	3.85
*Mary L. Hall. Medium Pom.	Nov. 1	July 14	2.50	4.50	4.00	3.50
*Yellow Daisy. Medium Daisy.	Nov. 1	July 14	2.75	5.00	4.50	4.00
Barcarole. Medium Pom.	Nov. 5	July 20	2.75	4.95	4.40	3.85
*Constellation. Medium Pom.	Nov. 5	July 20	3.50	6.30	5.60	4.90
*Nuggets. Small Pom.	Nov. 5	July 20	2.50	4.50	4.00	3.50
Yellow Cassandra. Medium Pom.	Nov. 5	July 20	5.00	9.00	8.00	7.00
*Indagold. Golden—Medium Pom.	Nov. 7	July 20	4.00	7.50	7.00	6.50
*Yellow Bushnell. Medium Pom.	Nov. 8	July 20	2.75	5.00	4.50	4.00
Pixie. Medium Pom.	Nov. 10	July 20	2.50	4.50	4.00	3.50
†*Yellow Beauty. Large Pom.	Nov. 10	July 19	2.50	4.50	4.00	3.50
Yellow Shasta. Intermediate Anem.	Nov. 10	July 22	5.00	9.00	8.00	7.00
*Golden Chord. Intermediate Pom.	Nov. 10	July 22	5.00	9.00	8.00	7.00
Golden Mensa. Large Daisy.	Nov. 10	July 20	2.75	4.95	4.40	3.85
*Yellow Fellow. Medium Pom.	Nov. 15	July 24	2.75	4.95	4.40	3.85

POMPONS...DECORATIVE, SINGLE DAISY, ANEMONE

YELLOW — POMPONS
(Continued)

	Flowering Date	Pinch Date	50 Per 50	100-450 Per 100	500-2450 Per 100	2500 Up Per 100
* Sunray. Medium Anem.	Nov. 15	July 24	2.75	4.95	4.40	3.85
* Princeton. Medium Pom.	Nov. 15	July 24	3.00	5.40	4.80	4.20
* Forty-Niner. Medium Pom.	Nov. 15	July 24	5.00	9.00	8.00	7.00
* Susanne Miller. Large Anem.	Nov. 18	July 24	2.50	4.50	4.00	3.50
* Bonapart Deluxe. Large Pom.	Nov. 20	July 24	2.25	4.05	3.60	3.15
Yellow L. I. Beauty. Large Anem.	Nov. 20	July 24	5.00	9.00	8.00	7.00
Yellow Rolinda. Medium Anem.	Nov. 23	July 25	2.50	4.50	4.00	3.50
Yellow Bristolite. Medium Pom.	Nov. 25	July 28	3.00	5.50	5.00	...
Goldsmith. Medium Pom.	Nov. 25	July 28	2.75	4.95	4.40	3.85
Sunnyside. Medium Pom.	Nov. 25	July 28	2.75	4.95	4.40	3.85
Golden Jane. Large Daisy.	Nov. 28	July 28	2.75	4.95	4.40	3.85
* Yellow Cordova. Medium Pom.	Nov. 30	July 28	2.75	4.95	4.40	3.85
Golden Harvest. Small Pom.	Nov. 30	July 28	5.00	9.00	8.00	7.00
Champagne. Intermediate Daisy.	Dec. 1	Aug. 1	5.00	9.00	8.00	7.00
Omega. Medium Pom.	Dec. 5	Aug. 1	3.50	6.30	5.60	4.90
Yellow Cameo. Medium Pom.	Dec. 5	Aug. 1	3.00	5.40	4.80	4.20
Cinderella. Intermediate Daisy.	Dec. 5	Aug. 1	5.00	9.00	8.00	7.00
Yellow Riviera. Intermediate Pom.	Dec. 10	Aug. 1	5.00	9.00	8.00	7.00
Yellow Supreme. Large Anem.	Dec. 10	Aug. 2	2.50	4.50	4.00	3.50
December Gold. Medium Pom.	Dec. 15	Aug. 4	2.75	4.95	4.40	3.85
Christmas Cheer. Intermediate Pom.	Dec. 15	Aug. 5	2.50	4.50	4.00	...
Sunkist. Medium Daisy.	Dec. 20	Aug. 7	3.00	5.50	5.00	4.50
Vibrant. Medium Pom.	Dec. 20	Aug. 4	2.75	4.95	4.40	3.85
Yellow Snow. Medium Pom.	Dec. 25	Aug. 7	2.50	4.50	4.00	3.50
Golden Anniversary. Medium Pom.	Dec. 25	Aug. 7	4.00	7.20	6.40	5.60
Yellow Revelation. Medium Pom.	Dec. 25	Aug. 7	5.00	9.00	8.00	7.00
Yuleflame. Medium Pom.	Dec. 30	Aug. 7	4.00	7.20	6.40	5.60
Winterset. Medium Pom.	Jan. 1	Aug. 10	2.75	5.00	4.50	...

PINK — POMPONS

* Jewell. Lavender—Small Pom.	Oct. 15	July 8	2.50	4.50	4.00	3.50
* Dark Pink Jewell. Deep Lavender—Small Pom.	Oct. 15	July 8	2.50	4.50	4.00	3.50
* Carolyn Yosick. Lavender Pink—Small Pom.	Oct. 20	July 8	3.50	6.30	5.60	4.90
* Captain Cook. Rose Pink—Medium Pom.	Oct. 23	July 8	2.50	4.50	4.00	3.50
* Pink Dot. Pink—Small Pom.	Oct. 25	July 14	2.50	4.50	4.00	3.50
Mary McArthur. Pink Bronze—Small Pom.	Oct. 25	July 14	4.00	7.20	6.40	5.60
* Jessie. Light Lavender—Medium Pom.	Oct. 25	July 14	2.50	4.50	4.00	3.50
* Ecstasy. Lavender—Medium Pom.	Oct. 25	July 15	3.00	5.50	5.00	4.50
* October Pink. Light Pink—Medium Daisy.	Oct. 28	July 14	3.00	5.40	4.80	4.20
Fair Maid. Shell Pink—Medium Pom.	Nov. 1	July 16	2.75	5.00	4.50	4.00
* Ballerina. Pink—Intermediate Daisy.	Nov. 1	July 16	5.00	9.00	8.00	7.00
* Lillian Doty. Rose Pink—Large Pom.	Nov. 1	July 16	2.50	4.50	4.00	3.50
W. H. Buckingham. Rose Pink—Medium Daisy.	Nov. 3	July 16	2.75	5.00	4.50	4.00
* Dark Pink Bulkeley. Rose Pink—Medium Pom.	Nov. 8	July 20	3.00	5.40	4.80	4.20
* Queen of Pinks. Lavender Pink—Large Pom.	Nov. 10	July 19	2.75	4.95	4.40	3.85
* Thyra. Lavender—Large Pom.	Nov. 10	July 19	2.75	4.95	4.40	3.85
Linda Lou. Pink—Medium Pom.	Nov. 10	July 19	2.75	4.95	4.40	3.85
* Brocade. Pink—Medium Daisy.	Nov. 15	July 24	3.50	6.50	6.00	5.50
* Masterpiece. Pink—Medium Pom.	Nov. 15	July 22	2.50	4.50	4.00	3.50
* Freida. Lavender Pink—Large Daisy.	Nov. 15	July 22	2.50	4.50	4.00	3.50
* Soprano. Pink—Intermediate Daisy.	Nov. 15	July 22	5.00	9.00	8.00	7.00
Orchid Beauty. Orchid—Medium Anem.	Nov. 15	July 22	2.50	4.50	4.00	3.50
* Norma. Pink Salmon—Large Anem.	Nov. 18	July 25	2.50	4.50	4.00	3.50
* Dark Pink Norma. Deep Lavender—Large Anem.	Nov. 18	July 25	2.50	4.50	4.00	3.50
Pink L. I. Beauty. Pink—Large Anem.	Nov. 20	July 24	5.00	9.00	8.00	7.00
Usona. Lavender—Medium Pom.	Nov. 25	July 28	2.50	4.50	4.00	...
Hasegawa Pink. Lavender Pink—Medium Daisy.	Nov. 25	July 28	2.50	4.50	4.00	3.50
Minuet. Mauve Rose—Medium Pom.	Nov. 25	July 28	3.00	5.40	4.80	4.20
* Beautiful Lady. Deep Lavender—Large Anem.	Nov. 25	July 28	2.50	4.50	4.00	3.50
Dark Pink Valencia. Orchid Pink—Large Daisy.	Nov. 28	July 28	2.75	4.95	4.40	3.85
Valencia. Orchid Pink—Medium Daisy.	Nov. 28	July 28	2.75	4.95	4.40	3.85
Enchantress. Deep Pink—Large Anem.	Dec. 5	Aug. 1	2.50	4.50	4.00	3.50
* Riviera. Bright Pink—Medium Pom.	Dec. 10	Aug. 1	2.75	4.95	4.40	3.85
Dark Pink Riviera. Dark Pink—Medium Pom.	Dec. 10	Aug. 1	4.00	7.00	6.00	5.00
Dark Pink Supreme. Rose Pink—Large Anem.	Dec. 10	Aug. 2	2.50	4.50	4.00	3.50
Rosalind. Rose Pink—Medium Daisy.	Dec. 10	Aug. 1	2.25	4.05	3.60	3.15
Minstrel. Lavender Pink—Medium Pom.	Dec. 20	Aug. 7	4.00	7.20	6.40	5.60
Defiance. Orchid Pink—Large Pom.	Dec. 20	Aug. 7	5.00	9.00	8.00	7.00
Pink Treasure Island. Light Lavender—Medium Pom.	Dec. 20	Aug. 7	2.50	4.50	4.00	3.50

POMPONS...DECORATIVE, SINGLE DAISY, ANEMONE

Varieties marked * are suitable for shading.

Varieties marked † are suitable for pot culture.

RED AND BRONZE — POMPONS

	Flowering Date	Pinch Date	50 Per 50	100-450 Per 100	500-2450 Per 100	2500 Up Per 100
* Adelaide. Red Bronze—Small Pom.....	Oct. 23	July 12	2.75	5.00	4.50	4.00
* Jemima. Red/Bronze—Medium Pom.....	Oct. 23	July 12	2.75	5.00	4.50	4.00
* Red Dot. Red—Small Pom.....	Oct. 25	July 12	4.00	7.50	7.00	....
* Bronze Dot. Bronze—Small Pom.....	Oct. 25	July 12	2.50	4.50	4.00	....
* Firebird. Red/Bronze—Medium Pom.....	Oct. 25	July 14	2.50	4.50	4.00	3.50
* Bonton. Bronze—Medium Pom.....	Oct. 25	July 15	4.00	7.50	7.00	6.50
October Bronze. Light Bronze—Medium Daisy.....	Oct. 28	July 16	3.00	5.50	5.00	4.50
* Seneca. Orange Bronze—Medium Pom.....	Nov. 1	July 14	3.50	6.30	5.60	4.90
Bronze Buckingham. Lt. Orange Bronze—Medium Daisy.....	Nov. 3	July 16	2.75	5.00	4.50	4.00
* Butterscotch. Golden Bronze—Intermediate Pom.....	Nov. 5	July 20	5.00	9.00	8.00	7.00
* Red Rust. Red/Bronze—Large Pom.....	Nov. 5	July 20	3.50	6.30	5.60	4.90
Cassandra. Orange Bronze—Medium Pom.....	Nov. 5	July 20	2.75	4.95	4.40	3.85
* Red Daisy. Deep Red—Medium Daisy.....	Nov. 5	July 14	3.00	5.40	4.80	4.20
* Rubicon. Bronze Red—Medium Pom.....	Nov. 5	July 14	5.00	9.00	8.00	7.00
Bronze Bulkeley. Bronze—Medium Pom.....	Nov. 8	July 19	3.00	5.40	4.80	4.20
Bittersweet. Red—Medium Daisy.....	Nov. 8	July 19	2.75	4.95	4.40	3.85
Sylvanna. Orange Bronze—Medium Daisy.....	Nov. 10	July 19	2.50	4.50	4.00	3.50
* Samovar. Rosewood Bronze—Medium Pom.....	Nov. 10	July 19	5.00	9.00	8.00	7.00
Navaho. Crimson—Medium Pom.....	Nov. 10	July 19	3.00	5.40	4.80	4.20
The Titian. Scarlet—Large Anem.....	Nov. 10	July 19	2.50	4.50	4.00	3.50
Radiant. Bronze Red—Medium Pom.....	Nov. 15	July 22	3.00	5.50	5.00	....
† Gypsy. Light Bronze—Small Anem.....	Nov. 15	July 22	2.50	4.50	4.00	3.50
†* Bronze Masterpiece. Bronze—Medium Pom.....	Nov. 15	July 22	2.50	4.50	4.00	3.50
Bronze Brocade. Buff Bronze—Medium Daisy.....	Nov. 15	July 24	5.00	9.00	8.00	7.00
* Red Princeton. Red—Medium Pom.....	Nov. 15	July 24	3.00	4.50	4.80	4.20
† November Bronze. Orange Bronze—Medium Pom.....	Nov. 18	July 23	3.00	5.50	5.00	....
Legal Tender. Bronze Gold—Medium Pom.....	Nov. 20	July 24	2.50	4.50	4.00	3.50
Bourbon. Rust Bronze—Intermediate Daisy.....	Nov. 20	July 24	5.00	9.00	8.00	7.00
Rusticon. Red Rust—Medium Pom.....	Nov. 20	July 25	3.00	5.40	4.80	4.20
Catherine. Red Bronze—Medium Pom.....	Nov. 20	July 25	2.50	4.50	4.00	3.50
† Red Rolinda. Red Bronze—Medium Anem.....	Nov. 23	July 24	2.50	4.50	4.00	3.50
Bristolite. Orange Bronze—Medium Pom.....	Nov. 25	July 28	3.00	5.50	5.00	....
Bronze Goldsmith. Orange Bronze—Medium Pom.....	Nov. 25	July 28	2.75	4.95	4.40	3.85
Yolanda. Orange Bronze—Small Anem.....	Nov. 25	July 28	2.50	4.50	4.00	3.50
Festival. Red—Small Daisy.....	Nov. 25	July 28	5.00	9.00	8.00	7.00
Bronze Minuet. Bronze—Medium Pom.....	Nov. 25	July 28	4.00	7.20	6.40	5.60
Apricot Valencia. Apricot—Large Daisy.....	Nov. 28	July 28	2.75	4.95	4.40	3.85
Galaxy. Bronze—Intermediate Daisy.....	Dec. 5	July 31	5.00	9.00	8.00	7.00
Bronze Supreme. Bronze—Large Anem.....	Dec. 10	Aug. 2	2.50	4.50	4.00	3.50
Debonair. Crimson—Large Pom.....	Dec. 10	Aug. 1	3.00	5.40	4.80	4.20
Red Supreme. Red—Large Anem.....	Dec. 10	Aug. 2	5.00	9.00	8.00	7.00
Bronze Riviera. Bronze—Medium Pom.....	Dec. 10	Aug. 1	5.00	9.00	8.00	7.00
Calvadade. Red—Medium Pom.....	Dec. 10	Aug. 1	3.25	6.00	5.50	5.00
Sarong. Crimson—Medium Daisy.....	Dec. 15	Aug. 4	3.00	5.40	4.80	4.20
Holiday. Red—Intermediate Daisy.....	Dec. 15	Aug. 4	5.00	9.00	8.00	7.00
Christmas Star. Scarlet—Medium Daisy.....	Dec. 20	Aug. 7	4.00	7.20	6.40	5.60
Merrymaker. Crimson Red—Medium Daisy.....	Dec. 20	Aug. 7	5.00	9.00	8.00	7.00

CARNATIONS

Place your order at once for any Carnations you may need for 1950. There is a splendid list of the "New and the Old" on page 55.

SPIDER TYPES

	Flowering Date	50 Per 50	Per 100 100-450	500-2450 Per 100
Queen's Lace. White.....	Oct. 20	\$5.00	\$9.00	\$8.00
Kay Tashima. White.....	Oct. 25	3.50	6.50	6.00
Mrs. R. A. Walker. Lavender.....	Nov. 1	3.50	6.50	6.00
Sue Sally Jones. Golden.....	Nov. 5	3.50	6.50	6.00
Miss Jean Harwood. Buff Bronze.....	Nov. 5	3.50	6.50	6.00
Red Spider. Magenta.....	Nov. 5	3.50	6.50	6.00
Mamoru. Buff Bronze.....	Nov. 5	3.50	6.50	6.00
Yellow Rayonante. Yellow.....	Nov. 5	3.50	6.50	6.00
White Rayonante. White.....	Nov. 5	3.50	6.50	6.00
Peggy Ann Hoover. Pink.....	Nov. 10	3.50	6.50	6.00

GARDEN VARIETIES

Major Cushion. Lavender.....	Sept. 8	\$2.75	\$5.00	\$4.50
White Cushion.....	Sept. 8	2.75	5.00	4.50
Yellow Cushion.....	Sept. 8	2.75	5.00	4.50
Early Bronze. Orange Bronze.....	Sept. 15	2.75	5.00	4.50
Early Yellow. Yellow.....	Sept. 15	2.75	5.00	4.50
Charles Nye. Lemon Yellow.....	Sept. 24	4.00	7.50	7.00
Early Wonder. Lavender Pink.....	Sept. 25	2.50	4.50	4.00
Olive Longland. Apricot Salmon.....	Sept. 25	4.00	7.50	7.00
Spellbound. Lavender Pink.....	Sept. 25	3.50	6.50	6.00
Honeycomb. Golden.....	Sept. 25	4.00	7.50	7.00
James Eadie. Bronze Yellow.....	Sept. 28	4.00	7.50	7.00
Rosita. Persian Rose.....	Sept. 28	4.00	7.50	7.00
King Midas. Lemon.....	Sept. 30	2.75	5.00	4.50
Chris. Columbus. Cream White.....	Oct. 1	3.00	5.50	5.00
White Wonder. Cream.....	Oct. 1	3.00	5.50	5.00
Avalanche. White.....	Oct. 5	2.75	5.00	4.50
Burgundy. Wine Red.....	Oct. 5	2.75	5.00	4.50
Mrs. Du Pont. Peach Pink.....	Oct. 5	3.00	5.50	5.00
Ruby Pompon. Ruby Crimson.....	Oct. 5	2.75	5.00	4.50
Red Velvet. Crimson.....	Oct. 5	2.50	4.50	4.00
Yellow Avalanche. Golden Yellow.....	Oct. 5	4.00	7.50	7.00
Chiquita. Deep Lemon.....	Oct. 5	4.00	7.50	7.00
Yellow Spoon.....	Oct. 8	2.75	5.00	4.50
Aviator. Copper.....	Oct. 8	3.00	5.50	5.00
Allegro. Shrimp Pink.....	Oct. 15	3.00	5.50	5.00

A.B.C. Mum cuttings are rooted under ideal conditions to insure "Supreme Quality".



A.B.C. Mum cuttings are packed in specially designed cartons and rushed to you by express to insure their reaching you in perfect condition.



Carnation...Rooted Cuttings 1950 Season

Varieties marked (*) are sold under growers patent or restricted agreement.

WHITE VARIETIES

	Per 100	Per 1000	
Northland. Very popular white.....	12.00	100.00	
Olivette. Fine White.....	10.00	85.00	
Patrician. White	10.00	90.00	
Puritan. White	8.00	70.00	
Shangri-La. White	15.00	125.00	
* White Briry. White.....	12.00	100.00	
* White Baums Supreme. White.....	20.00	150.00	
White Peter Fisher. White.....	8.50	75.00	
* White Sim. White.....		SOLD OUT	

LIGHT PINK VARIETIES

	15.00	125.00	
* Light Pink Abundance. Light Pink.....	10.00	90.00	
* Netta. (New) Light Pink.....	20.00	150.00	
* Pollyanna. Light Pink.....	15.00	125.00	
* Spirit of St. Louis. Light Pink.....	15.00	125.00	
Virginia. Light or Flesh Pink.....	8.50	75.00	
Virginia Supreme. Light Pink.....	12.00	100.00	

MEDIUM PINK VARIETIES

	15.00	125.00	
* Elitch. Medium Pink.....	20.00	150.00	
* Lucille. New Medium Pink.....	20.00	150.00	
* Sidney Littlefield. Medium Pink.....	20.00	150.00	
Virginia Rose. Medium Pink.....	8.50	75.00	
Vivian. Medium Pink.....	10.00	90.00	

SALMON PINK VARIETIES

	20.00	150.00	
* Charm. Excellent Salmon Pink.....	15.00	125.00	
Donna Lee. Salmon Pink.....	10.00	90.00	
Orange Virginia. Salmon Pink.....	8.50	75.00	
Sally. Salmon Pink Sport of Virginia..	8.50	75.00	
Salmon Selection. Salmon Pink.....	10.00	90.00	
Salmon Virginia. Light Salmon Pink...	10.00	90.00	

DARK PINK VARIETIES

	20.00	150.00	
* Baums Supreme —Beautiful Cerise Pink	20.00	150.00	
* Canup's Pride. Cerise Cherry Pink....	20.00	150.00	
* Citation. Striking Rose Pink, Silver Edge	20.00	150.00	
Dark Pink Virginia. Dark Pink.....	10.00	90.00	
Derigo. Dark Pink.....	10.00	90.00	
John Briry. Brilliant Dark Pink.....	8.50	75.00	
Kentucky. Dark Pink.....	15.00	125.00	
* Rosalie. Dark Medium Pink.....	20.00	150.00	
Virginia Miller. Dark Pink.....	12.00	100.00	

RED VARIETIES

	Per 100	Per 1000	
* Jumbo Cardinal. Brilliant Red.....	15.00	125.00	
No. 14 Crimson. Crimson Red.....	15.00	125.00	
* Olympic. Dark Red.....	20.00	150.00	
Red No. 16. Red.....	12.00	100.00	
Red Selection. Scarlet.....	12.00	100.00	
Red Seth Parker. Scarlet Red.....	12.00	100.00	
* Seth Parker. Dark Red.....	20.00	150.00	
* Sondra. Red	20.00	150.00	
Spitfire. Scarlet	12.00	100.00	
* Tom Knipe. Fine Red.....	20.00	150.00	
Victory Red. Vivid Red.....	12.00	100.00	
* William Sim. Cardinal Red.....	20.00	150.00	

MAROON VARIETIES

C. W. Weld. Dark Red Maroon.....	12.00	100.00
Woburn. Maroon	8.50	75.00

YELLOW AND ORANGE VARIETIES

Barbara Brigham. Orange-Peach.....	10.00	90.00
Golden Wonder. Yellow Variegated...	8.50	75.00
Miller's Yellow. Yellow.....	12.00	100.00
Yellow Gold. Yellow	12.00	100.00

NOVELTY VARIETIES—ETC.

* Chief Kokomo. Yellow W/Pink		
Markings	12.00	100.00
Coronet. Yellow-Red Pencilling.....	15.00	125.00
Dairy Maid. White-Red Pencilling.....	12.00	100.00
Dark Dimity. Orchid-Maroon		
Pencilling	10.00	90.00
Dimity. White-Maroon Pencilling.....	8.50	75.00
* Harlequin. Variegated Novelty.....	20.00	150.00
Louise. Lavender	10.00	90.00
Mary Stewart. Purple-Silver Edging...	15.00	125.00
* Mrs. Bradford. Clear Orchid.....	20.00	150.00
Nancy. Variegated Orchid, Darker		
Center	20.00	150.00
Olmsted Orange. Orange-Red		
Pencilling	15.00	125.00
Orchid Beauty. Variegated.....	12.00	100.00
Pelargonium. White Overlaid		
W/Maroon	15.00	125.00
* Reina. White Flecked W/Pink.....	20.00	150.00
* Sarah Jane Knipe. Bright Purple		
with Silver Edge	20.00	150.00
Scarlet King. White Overlaid		
W/Scarlet	15.00	125.00
* Sphynx. Orchid with		
Crimson Pencilling	20.00	150.00
* Sylvia. White Variegated.....	20.00	150.00
* Symphony. Reddish Purple Stripes		
on Maroon Background.....	20.00	150.00
Minimum order 100 of each variety ..	250	at 1000 rate.

A.B.C. "SUPREME QUALITY" ROOTED CUTTINGS GROWN BY SPECIALISTS

A.F.S.

BLUE BOOK

THE COMPLETE GUIDE TO ALL HORTICULTURAL SUPPLIES -

**FLORIST
GREENHOUSE
LANDSCAPING**

Supplies for 1950



GOOD SUPPLIES bring GOOD RESULTS

High quality is the mainspring of our purchasing policy—and is the reason why we are leaders in the florist supply field. When you order from us you can be sure that the items you buy will perform as warranted by the manufacturer. Our name is your assurance that you will get the goods you desire. The prices listed in this catalog are the lowest possible, consistent with good qual-

ity and the character of our services. Our geographical position permits us fast and economical shipping, while our complete line enables you to purchase all your requirements in one place. We know that good supplies lead to good results—and higher profits. It is our constant aim that A.F.S. quality should help you do more business more profitably.

A. F. S. SUPPLIES LISTED PAGES 58 to 100 ➤

FERTILIZERS AND PLANT FOODS

FERTILIZER MATERIALS

ALUMINUM SULPHATE. For acidifying the soil. Dangerous to use unless there is adequate amount of phosphate in the soil.

25 lbs. \$1.30 50 lbs. \$2.00

100 lbs. 3.35 200 lbs. 6.00

AMMONIUM PHOSPHATE. Analysis: 14-61-0. 100 lbs. \$12.00

F.O.B. Chicago Heights, Illinois.

AMMONIUM SULPHATE. 21% Nitrogen.

25 lbs. \$ 1.75 50 lbs. \$ 3.25

100 lbs. 4.75 500 lbs. 22.00

1000 lbs. 41.50 Ton. 78.00

BLOOD, DRIED. 13% Nitrogen.

100 lbs. \$12.00 1000 lbs. \$110.00

BLOOD AND BONE. Analysis: 8-20-0.

100 lbs. \$ 9.00 500 lbs. \$ 42.50

1000 lbs. 82.50 Ton. 160.00

BONE TANKAGE. Analysis: 5.5-30-0.

100 lbs. \$ 6.50 500 lbs. \$ 30.00

1000 lbs. 55.00 Ton. 100.00

BONE MEAL, Steamed. Analysis: 2-27-0. Very scarce. We will be glad to quote prices subject to availability.

BONE MEAL, Rose Growers. Analysis: 3.75-22-0.

100 lbs. \$ 6.25 500 lbs. \$ 31.25

1000 lbs. 60.00 Ton. 115.00

CALCIUM SULPHATE. (Agricultural Gypsum)

25 lbs. 75c 50 lbs. \$1.25

100 lbs. \$2.00 500 lbs. 7.50

HORN SHAVINGS. (Synthetic)

10 lbs. \$1.50 25 lbs. \$ 2.50

50 lbs. 4.00 100 lbs. 7.50

500 lbs. 35.00

HYDRATED LIME. For sweetening the soil.

50 lbs. \$1.35

IRON SULPHATE. For acidifying the soil.

10 lbs. 75c 25 lbs. \$1.25

50 lbs. \$1.95 100 lbs. 3.50

MAGNESIUM SULPHATE

10 lbs. 75c 25 lbs. \$1.75

50 lbs. \$3.00 100 lbs. 5.00

MANGANESE SULPHATE

5 lbs. \$1.00 10 lbs. \$1.50

25 lbs. 3.00 50 lbs. 6.00

MURIATE OF POTASH. (Potassium Chloride).

62% Potash. 100 lbs. \$4.75 500 lbs. \$20.00

NITRATE OF SODA. 16% Nitrogen.

100 lb. bag. \$5.50 500 lbs. \$25.00

SUPERPHOSPHATE. 20% Phos. (80 lb. bags).

80 lbs. \$ 1.95 480 lbs. \$11.10

960 lbs. 18.80 Ton. 38.60

TRIPLE SUPERPHOSPHATE. 45% Phos. (80 lb. bags).

80 lbs. \$ 3.80 480 lbs. \$21.00

960 lbs. 40.20 Ton. 78.00

COMPLETE FERTILIZERS

ACID PLANT FOOD. Analysis: 5-12-4. Creates an organic acid soil condition favorable to Azaleas, Gardenias, Hydrangeas, etc. Use 2-3 lbs. per 100 sq. ft.

100 lbs. \$6.75

F.O.B. Chicago or Lynn, Mass.

ADCO. Make your own manure. Turn every bit of vegetable waste—leaves, weeds, cuttings, etc., from the garden, straw and corn stalks from the farm—into real manure without animals by the simple ADCO process. Instructions free.

20 lb. bag. \$2.35 100 lbs. \$11.00

ELECTRA. Analysis: 5-10-3. A perfectly balanced organic fertilizer that provides uniform growth and color without softness. On benches or beds use 4 lbs. per 100 sq. ft. monthly. 100 lbs. \$6.75

F.O.B. Chicago or Lynn, Mass.

ORNAMENTAL PLANT FOOD. Analysis: 10-8-6.

Excellent for trees and shrubs.

100 lbs. \$ 3.95 500 lbs. \$19.00

1000 lbs. 35.50 Ton. 66.00

VERTAGREEN. Analysis: 5-10-5. Armour's

Balanced Plant Food containing 5% Nitrogen, 10% Phosphorus and 5% Potash, as well as nine minor elements essential to plant growth and health.

1 lb. (15c list). Bale of 32. \$2.88

5 lbs. (50c list). Bale of 12. 3.84

10 lbs. (90c list). Bale of 6. 3.54

25 lbs. (\$1.60 list). Each. 1.05

50 lbs. (\$2.65 list). Each. 1.85

100 lbs. (\$4.25 list). Each. 2.90

WATER-SOLUBLE FERTILIZERS

ALL-SOLUBLE PLANT FOOD (Armour's) Analysis: 15-52-9. 100% soluble in water. 50 lbs. \$9.75 100 lbs. \$18.50

SOLUBLE FERTILIZER (Kapco). Analysis: 15-30-15, with added minor elements. Mix 2½ to 3 lbs. with 100 qals. of water per 400 sq. ft. (1 oz. per gal. per 4 sq. ft.) once every two weeks or as needed. Feeds economically, uniformly, quickly, safely.

25 lbs. \$ 5.00 100 lbs. \$18.00

200 lbs. 32.00 500 lbs. 75.00

Ton. 280.00 500 lbs. shipped prepaid east of Mississippi River.

TAKE HOLD. Analysis: 10-52-17. All-soluble starter solution. Prevents set-back and stimulates growth if used once before, or at time of transplanting seedlings or cuttings, and at two week intervals thereafter. Use 1 oz. to gal. of water and feed 1 to 2 oz. of solution per plant.

3 lbs. bag. 95c Case of 15 bags. \$ 9.50

50 lbs. 10.00

HYPONEX. A scientifically compounded mixture of chemicals in dry form which, when dissolved in water, yields a nutrient solution which is capable of supplying all the essential elements in a properly balanced form necessary for vigorous plant growth.

1-oz. size 10c Ctn. of 72 \$ 4.80

3-oz. size 25c Dozen 2.00

7-oz. size 50c Dozen 4.00

1-lb. \$ 1.00 Dozen 8.00

10-lb. 5.34 25-lb. 10.00

50-lb. 16.67 100 lbs. 26.67

NEW PLANT LIFE. A very popular Liquid Fertilizer. Used for House Plants, also in Greenhouses.

3-oz. Bottles. Each. 25c

Qt. Bottles. Each. \$ 1.50

Gal. Bottles. Each. 3.00

5-gal. Drum. Each. 10.00

FOR RESALE

3-oz. Bottles, 24 in a Display Case. \$ 4.00

Qt. Bottles. Dozen. 12.00

PLANTABBS. Analysis: 11-15-20. Contain Vitamin B1. Plantabbs supply a complete balanced plant food of high analysis; therefore, when combined with Vitamin B1 produce startling results.

FOR RESALE

25c size—30 Tablets. Dozen. \$2.00

50c size—75 Tablets. Dozen. 4.00

\$3.50 size—1000 tablets. Each. 2.75

Special Quantity Discounts:

5% on orders of \$ 6.00 or over.

10% on orders of 12.00 or over.

ANIMAL MANURES

CATTLE MANURE. Shredded.

500 lbs. \$14.00 (Min. order, 500 lbs.)

1000 lbs. 26.00 Ton. \$49.00

SHEEP MANURE. Pulverized.

100 lbs. \$ 3.00 500 lbs. \$14.00

1000 lbs. 25.00 Ton. 46.00

RECOMMENDED APPLICATION OF COMMON FERTILIZER MATERIALS

Name of Material	Analysis: Nitrogen— Phosphorus— Potash	Rate of Application	
		Dry	Liquid
AMMONIUM SULPHATE	20-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
NITRATE OF SODA	16-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
DRIED BLOOD	13-0-0	2 lbs. per 100 sq. ft.	Insoluble
SUPERPHOSPHATE	0-20-0	5 lbs. per 100 sq. ft.	Insoluble
TRIPLE SUPERPHOSPHATE	0-45-0	2 lbs. per 100 sq. ft.	Insoluble
BONE MEAL	2-27-0	5 lbs. per 100 sq. ft.	Insoluble
MURIATE OF POTASH	0-0-62	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
AMMONIUM PHOSPHATE	11-48-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
BLOOD AND BONE	8-20-0	3-4 lbs. per 100 sq. ft.	Insoluble
BONE TANKAGE	5-30-0	3-4 lbs. per 100 sq. ft.	Insoluble
IRON SULPHATE	0-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
CALCIUM SULPHATE	0-0-0	2-3 lbs. per 100 sq. ft.	
MAGNESIUM SULPHATE	0-0-0	½ lb. per 100 sq. ft.	
MANGANESE SULPHATE	0-0-0	¼ lb. per 100 sq. ft.	

COMPILED BY OHIO FLORIST ASSOCIATION

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GARDEN GLO Sterilized Vermiculite

AIDS ALL PHASES OF PLANT GROWTH

Garden Glo is mineral mica, heat processed at 2000° F. to expand it into a light, sponge-like substance. Garden Glo retains a large amount of air in its microscopic crevices, yet can absorb several times its weight in water. It is not a fertilizer. It is a highly versatile growing medium that does not rot, sour or flake. New Garden Glo is sterile—free of diseases, insects and harmful chemicals.

Improved Soil and Sand. Garden Glo opens up and aerates heavy sticky soils. It drains off excess water to prevent drowning out or rotting. In sandy or open soils, Garden Glo retards run-off and evaporation by holding water evenly. Depending on the composition of your soil, a mixture of 25% to 45% Garden Glo, by volume, is best.

Days Faster for Rooting Cuttings. Complete aeration and high water-holding capacity make Garden Glo (used without soil) ideal for rooting cuttings. It will save a week or more over sand. Root growth is faster and extension surer after potting. You can use less water and cut down damping-off diseases.

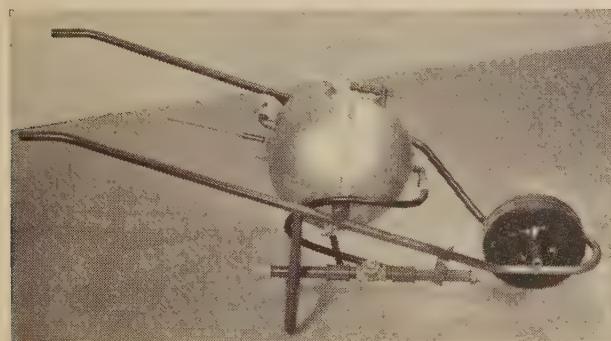
Prevents Over-Watering and Rotting of Forced Bulbs. Bulbs forced in pure Garden Glo develop roots faster, with amazing vigor. Garden Glo's aeration and water-regulating capacity eliminate danger of over-watering and rotting.

Aid Conditioned Stored Bulbs. Bulbs stored in Garden Glo are 2-bushel sacks. 1 to 10 sacks, each....\$1.15 10 or more sacks, each....\$1.10 F.O.B. Iola, Kansas

doubly protected. Garden Glo insulates them against sudden changes in temperature. Garden Glo also acts as a buffer against too much or too little moisture. It tends to take up excess moisture, or give off moisture when the bulbs are in danger of drying out. Greatly reduces bulb losses.

Ideal Mulch Properties. The high insulating value of Garden Glo makes it especially good as a mulch. It keeps the soil frozen through the winter thaws and early frosts, protects the roots from scorching sun. Can't rot. Garden Glo used as a mulch can later be worked into the soil as a conditioner.

A Featherweight Soil for Seedlings. Garden Glo in seedling flats produces a higher percentage of germination—faster. Seedlings are healthier and have heavier, sturdier root systems. In transplanting the Garden Glo clinging to the roots should be left undisturbed and planted with the roots. This greatly reduces shock and seedlings can continue growing without interruption.



New Style 5-Gallon Size, Streamlined to Fit Narrow Greenhouse Aisles.

DELTA DISPENSER—Fertilizes and Waters in One Operation

Regardless of the consistency of the liquid fertilizer you use, with the Delta Dispenser you will feed more evenly and more economically.

To operate you simply fill the container with the plant food of your choice, adjust the mixture control to the recommended mixture and turn on your water to the desired flow. When you have spread the exact amount of fertilizer desired, a turn of the shut-off valve will close the food supply line without diminishing your water volume. The Delta Dispenser can be used just as efficiently for applying insecticides.

With the Delta Dispenser there is no costly waste of time when changing from feeding to watering.

1-gal. Portable Model.....\$ 75.00
5-gal. Wheelbarrow Model.....130.00
15-gal. Wheelbarrow Model.....205.00

F. O. B. Downey, Calif.

Send for Detailed Circular

MODERN SOIL TEST KITS

SOIL TESTERS "Simplex"

By Edwards Laboratories



Tells you what to put back into the soil, in nitrogen, the phosphates or other elements that have been depleted by time and cropping.

Complete Simplex Kit. Each.....\$30.00

Makes 100 to 300 each of 15 types of tests.

Junior Simplex Outfit. Each.....\$20.00

Makes 100 to 300 each of 6 types of tests.

Farm Simplex Kit. Each.....\$12.00

Makes 100 each of 4 types of tests.

"SOILTEX"—Acidity Tester

Contains complete equipment for making 100 tests for soil acidity.

Each.....\$1.00

Replacements

Reagent Refills. Each.....\$0.85

Vials marked at 13 c.c. Each.....15

Vials marked at 1 and 2 c.c. Each.....15

Porcelain test plate. Each.....1.40

Aluminum spoon10

2-oz. bottles with dropper. Each.....15

TEST YOUR SOIL

BECAUSE certain plants require "acid" soil and others require "alkaline" soil.

BECAUSE actual knowledge of the reaction of your soil aids in the selection of the plants or crops that will grow best, and in the choice of fertilizers to be used.

SOIL TESTERS—"Sudbury"

DeLuxe. A complete portable testing laboratory. Will make 50 individual tests for Nitrogen, 50 for Potash, 50 for Phosphorus and 50 for Acidity. In wood case. Each.....\$22.50 3 for.....\$45.00

Horticultural. Enough material for 15 individual tests for each element. Wood case. Each.....\$12.50 3 for.....\$25.00

Testing Fluid Refills and Accessories

Specify whether for Nitrogen, Phosphorus, Potash, or Acidity.

1/2 oz. Each.....\$0.40

2 oz. Each.....1.00

6 oz. Each.....2.00

Test Tubes and Corks. Each.....10

Funnels. Each.....25

Filter Paper (Pkg. 100 sheets).....50

Tin Rods. Each.....10

Color Charts. Each.....25

CHARCOAL

Six Different Sizes

Pea—Large Lump Pea—Small

"Lump"	1/2 inch Mesh
"Pea—Large"	1/3 inch Mesh
"Pea—Small"	1/6 inch Mesh
"Rice size"	1/16 inch Mesh
"Sugar size"	1/36 inch Mesh
"Powder"	1/100 inch Mesh

Packed in 50-lb. bags. Per bag.....\$3.00

PEAT MOSS—Granulated

Imported. Large bales. F.O.B. Chicago. Per bale.....\$4.50
F.O.B. New York. Per bale.....5.25

SCOTCH SOOT

50-lb. bag.....\$5.00

"HOZON"—Syphon

The passage of the water stream through the hose creates a suction that draws fertilizing solution into the sprinkling system, mixes it thoroughly and uniformly. Each.....\$1.75

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INSECTICIDES AND FUNGICIDES

REFILLABLE AEROSOL BOMBS—The Modern Method of Pest Control

Send for Detailed Technical Bulletins

PARATHION No. G-54



One of the most effective controls known for red spider, mealy bugs, aphids, thrips, leaf rollers, white fly, cyclamen mite and many other greenhouse pests. 4-lb. bomb contains 10% Parathion. Very toxic, be sure to use recommended precautions. One bomb treats 200,000 cu. ft. of greenhouse space. Do not use when sulphur is present; may cause damage.

Case of 6 Parathion Bombs (\$10.00 each).....	\$60.00
*Deposit on 6 Bombs (\$3.75 each).....	22.50
Case of 3 Parathion Bombs (\$10.00 each).....	30.00
*Deposit on 3 Bombs (\$3.75 each).....	11.25
Single Parathion Bomb.....	10.25
*Deposit on Single Bomb.....	3.75

Approved Gas Masks must be worn when applying Parathion, TEPP or Dithion—See page 71

APOMITE

Double Rotenone Spray

For the control of red spider, thrip, aphids, green flies, black flies, white flies, cabbage worms, asparagus beetles, Mexican bean beetles, etc., on greenhouse crops, fruits and vegetables. Contains spreader and sticker. Gallon..... \$10.00 5 gallons..... \$45.00

ARSENATE OF LEAD

For spraying or dusting. A poison for controlling most leaf-eating pests.

1 lb.	\$.65	Dozen.....	\$ 5.20
4 lbs.	1.70	Dozen.....	15.60

NICOTINE SULPHATE



1 oz.	\$.35	Ctn. of 24.....	\$ 5.58
5 oz.	1.00	Dozen.....	8.55
1 lb.	2.40	2 lbs.	4.15
5 lbs.	7.40	10 lbs.	12.65
50 lbs.			53.90

BENZO-FUME
PRESSURE FUMIGATORS

Combines the outstanding effectiveness of Pressure Fumigators with the proven worth of Azobenzene to control Red Spider on Roses, Carnations, Mums and other crops. Send for detailed circular.

Case of 12 1/2-lb. tins... \$3.20
Case of 12 1-lb. tins... 5.50

BENZENE HEXACHLORIDE
12% Wettable Powder

Useful for thrips and aphids. Also a repellent for termites.

4-lb. bag

\$3.40

TEPP No. 151

Contains 10% Tetraethyl Pyrophosphate and treats 400,000 cu. ft. of space in 10 minutes. Effective on red spider, aphids, white fly and certain mealy bugs. Case of 4 TEPP Bombs (\$6.50 ea.)... \$26.00
*Deposit on 4 Bombs (\$3.50 ea.)... 14.00
Single TEPP Bomb 6.75
*Deposit on Single Bomb..... 3.50

DITHION No. G-57

Valuable in control of Parathion-resistant red spider, as well as aphids, and certain species of mealy bugs and white fly. No injury noted on roses when sulphur is present. 4-lb. bombs contain 5% Tetraethyl di-thio pyrophosphate and treats 200,000 cu. ft.

PRICES: Same as Parathion G-54.

*NOTE: The Deposits on the Bombs are refunded when they are returned to us prepaid. Orders of 12 or more bombs will be shipped prepaid, and empties may be returned collect.

5% D.D.T. No. 104

Contains 5% D.D.T. and controls many greenhouse pests including thrips, leaf rollers, leaf tiers, white fly, and certain aphids and mealy bugs.

Each	\$ 8.50
*Deposit	3.50

APPLICATORS

Special applicators must be used with these Aerosol Bombs. Applicator has universal coupling to fit any bomb.

No. 20 24-inch	\$ 5.50
No. 30 36-inch	6.50
No. 40 48-inch	7.50

Approved Gas Masks must be worn when applying Parathion, TEPP or Dithion—See page 71

"BLACK ARROW"—2700

Pyrethrum Mushroom Dust

10 lbs.....	\$ 4.10	50 lbs.....	\$ 19.50
100 lbs.....			38.00

BORDEAUX MIXTURE—Dry

A very effective fungicide for control and prevention of mildew, blight, scab, black rot, and leaf curl. Also most fungous diseases on Plants, Fruits, etc.

1 lb.	\$.45	Dozen.....	\$ 3.60
4 lbs.	1.00	Dozen.....	9.00

CERESAN—New Improved

Seed disinfectant for Wheat, Oats, Barley, Rye, Sorghums, Millets, Flax. Also, to disinfect Calla Bulbs against Root Rot and Soft Rot.

4 oz.	\$.45	1-lb.....	\$ 1.00
4 lbs.	3.40	40 lbs.....	28.75
100 lbs.....			69.00

CHLORDANE

40% Wettable Powder

A very effective stomach poison for a few chewing pests that are resistant to D.D.T. Extremely effective in the control of grasshoppers.

1 lb.	\$ 1.25	Dozen.....	\$ 12.00
4 lbs.	3.25	Dozen.....	36.00

CHLORDANE

24% Emulsion

A liquid spray for the control of surface and sub-surface insects as well as household insects.

8 oz.	\$ 1.00	Pint.....	\$ 1.75
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CHLORDANE

5% Dust

50 lb. bag.....	\$ 7.50
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COPPER SULPHATE—(Blue Stone)

10 lbs.	\$ 1.50	25 lbs.....	\$ 3.25
100 lbs.....			12.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

CORROSIVE SUBLIMATE

(Mercuric Chloride)

A very effective bulb disinfectant, especially prepared to control Gladiolus Thrips.

4-oz. bottles. Each.....	\$ 0.90
(Solution—4 oz. to 24 gals. water)	
1-lb. bottles...\$ 3.00	5-lb. bottles...\$ 13.50

CUPROCIDE—Yellow

A Fungicide Spray. 4 1/2-lb. bag..... \$3.15

CYANOGAS "G"


A deadly, very effective fumigant for control of anything that breathes. Will destroy rodents as well as insects. Full directions on each can. Follow directions closely.
5-lb. can \$3.75
Shipping Wt. 8 lbs.
25-lb. Drums—Wt. 32 lbs..... \$12.50
100-lb. Drums—Wt. 111 lbs..... 30.00

D N DUSTS AND SPRAY



Effective control for RED SPIDER, THRIP and RUST DISEASE.

No. 10 for use on CARNA-TIONS.

10-lb. bags. Each..... \$2.50

No. 12 for use on ROSES, CALLA LILIES, SNAPS and GARDENIAS.

10-lb. bag \$4.00



INSECTICIDES AND FUNGICIDES

D-D SOIL FUMIGANT

To control Root-knot Nematodes, Wireworms and other insect pests in the soil. To be applied before planting. One gallon treats 1400 square feet. Send for detailed circular.

Pint	\$1.00	Quart	\$ 1.75
Gallon	5.85	5 gal.	21.60
55-gal. drum	87.75		
HANDY APPLICATOR for D-D. Each...	2.75		

DDT POWDER—50%—Wettable



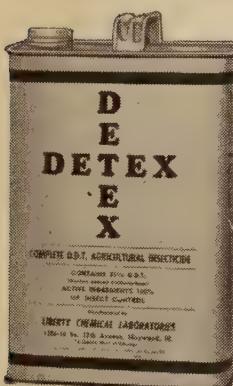
This powerful contact and stomach poison is useful against many pests, including Thrips, Leaf Rollers, Leaf Hoppers, White Fly, Mum Midge, Tarnished Plant Bug, Scale, Ants. Applied to the soil, it will kill Sow Bugs, Snails, Slugs, and many other grubs and worms. This is the safest and most practical form of DDT. It is compatible with most other insecticides and fungicides. Do not use on KALANCHOE.

4-lb. bag....	\$1.60	50-lb. drum....	\$17.50
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DDT DUST—5%

For dusting plants. Also used in storing gladiolus bulbs as a protection against thrip. 4 lbs.....\$0.75 50 lbs.....\$6.00

"DETETX" Contains 25% DDT



A complete insecticide. This formula has been tested by leading commercial greenhouses during the past three years and has been enthusiastically received. Do not use on KALANCHOE.

Quart	\$ 3.00
Gallon	10.00
5 gallons	45.00

DuPONT SPREADER-STICKER

(Formerly known as Grasselli Spreader)

Pint cans (1 lb.).....	\$ 0.90
Gallon cans (8 lbs.).....	6.15
5-gallon drums (40 lbs.).....	29.50

"EVERGREEN" GARDEN SPRAY

A pyrethrum spray deadly to common sucking and chewing garden insects.

1 oz.	\$0.35	Dozen	\$ 2.80
6 oz.	1.15	Dozen	9.25
Pint	2.45	Dozen	20.90
Gallon			12.60

FISH OIL SOAP

For washing Palms, stems of Plants and Trunks of Trees. Used with success for years.

1/2 pint.....	\$0.50	Pint	\$ 0.90
Quart	1.60	Gallon	4.40
5 gallons			18.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

FERMATE—Fungicide



This organic fungicide gives satisfactory control of rust and black spot of roses; Alternaria blight and rust of carnations; snapdragon rust, bacterial leaf spot of geraniums, Septoria leaf spot of chrysanthemums; Botrytis rot of cyclamen; Botrytis blight. FERMATE also effectively controls cutting-rot diseases and damping-off diseases in cutting beds. To be applied before disease infection occurs.

3 lbs.....	\$2.75	25-lb. drum.....	\$21.25
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FORMALDEHYDE DUST "FORMACIDE"

For the control of damping off seedlings. Also a disinfectant against soil diseases.

1 lb.	\$ 0.85	5 lbs.	\$ 2.50
25 lbs.	10.00	50 lbs.	17.50
100 lbs.			30.00

FORMALDEHYDE—LIQUID—40%

A very effective and economical fumigant and disinfectant.

1 gallon	\$2.95
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25-lb. drums ...	\$ 5.00
50-lb. drums ...	9.00
100-lb. drums ...	16.50

Exceptionally effective when mixed with Nico-Fume.

FUNGTROGEN Mildew—Black Spot Spray

An effective and scientific preventative and remedy for Mildew, Black Spot, and many Fungous Diseases of Roses, Phlox, Hollyhocks, Delphiniums, Sweet Peas, Chrysanthemums and many other flowering plants.

Quart.....	\$2.00	Gallon.....	\$6.00
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GARDEN GUARD—Rotenone Dust

Dust with Acme Garden Guard from the sifter carton and enjoy the fruits of your toil. The killing ingredient is non-injurious to humans and warm-blooded animals. Every particle of dust is active. It gives immediate control over a wide range of insects, including such hard-to-kill bugs as SQUASH BUGS and CUCUMBER BEETLES.

1-lb. sifter cans. Each.....	\$0.45
1-lb. pump guns. Each.....	.60
4-lb. bags. Each.....	.90
50-lb. bags. Each.....	9.00

GRAPE and ROSE DUST

For the control and prevention of Fungous diseases, Black Spot, Mildew, etc., on Grapes and Flowers.

5-lb. tin	\$ 1.25
25-lb. tin	4.25
100 lbs.	15.00



GREENOL Liquid Fungicide

A new material that appears very promising in control of Powdery Mildew on Roses, Dahlias, Delphiniums, Sweet Peas, Garden Peas, Beams, Cucumbers, etc.

1/2 gallon	\$5.00
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LIME SULPHUR

1-lb. tin.....	\$0.40	5-lb. tin.....	\$ 1.65
25-lb. tin.....	4.50	100-lb. tin.....	18.00

LORO

A contact insecticide for control of Aphids, Thrips, Red Spider, etc. Do not use on roses. 1 pint can....\$2.00 1 gallon can....\$11.00



"FIGHT THIRIPS WITH LYSOL"

Just before planting... soak bulbs for 8 hours in a weak solution of LYSOL (4 teaspoonsfuls to 1 gallon of water)... allow to drip.

Any type of Container can be used

PRICES

1 gallon	\$ 5.00
5 gallons	23.50
10 gallons	43.75

NAPHTHOLENE FLAKES

10 lbs.....	\$ 3.00	25 lbs.....	\$ 6.25
50 lbs.....	10.95	100 lbs.....	20.95

NICO-FUME—Liquid

Contains 40% free Nicotine for use in spray or vaporizing on steam pipes. Controls aphids, burdock leaf miners, green-house orthezia, lace bug, mealy bug and similar pests.

2-lb. tin (Qt.).....	\$ 3.45
8-lb. tin (Gal.).....	11.95
40-lb. drum (5 Gal.)....	51.60

NICO-FUME PRESSURE FUMIGATOR



The most convenient means of controlling green fly, black fly, mum and rose midge, adult fickle midge, adult leaf tyer, adult oblique banded leaf roller.

Case of 12 1/2-lb. cans.....	\$4.60
Case of 12 1-lb. cans.....	7.95

"NICO-FUME" HOLDER

Holder, complete. Weight 2 lbs.....\$1.75

INSECTICIDES AND FUNGICIDES

OPTOX



An all-purpose insecticide blending Rotenone and Pyrethrum in a concentrated spray for both chewing and sucking insects. Contains its own vegetable oil spreader that will not discolor or burn foliage.

Quart.....	\$3.70
Gallon.....	\$12.00
5 gallons.....	55.00

OPTOX SPECIAL
With DDT

Same as regular Optox with 10% DDT added.
Gallon.....\$12.00
5 gallons.....55.00

PARATHION BOMBS

(See Page 60)

PARATHION POWDER
15% Wettable

3-lb. bag.....\$3.45 50-lb. drum.....\$50.00

PARATHION DUST—2%

25 lbs.....\$10.00 50 lbs.....\$18.00

PENETROL

A spreader and activator for Nicotine Sprays. Increases penetrating powers and effectiveness of spray.

1 gallon.....\$1.75 5 gal. drum.....\$6.75

POTASSIUM PERMANGANATE

1 lb.....\$0.85 25 lbs.....\$15.00

"RED ARROW" SPRAY

A very effective spray for both chewing and sucking insects. Contains proper proportion of Soap Spreader and Activator.

1-oz. bottle	\$.35
4-oz. bottle	1.00
Pint bottle	2.85
Quart bottles	3.35
Gallon bottles	12.15
5-gallon drums	56.75

ROTECIDE

The Standard Rotenone Spray

Especially effective for Red Spider and Mealy Bug. 1 quart.....\$ 3.00
1 gallon.....\$8.00 5-gallon drum....35.00

SANTOMERSE'S PENETRATOR

An excellent new Penetrator and Spreader. Best penetrator for the troublesome Mealy Bug. Ideal spreader for use with TEPP. Used 1 to 1600.
1 gallon.....\$4.00

GLASS GRADUATES

For accurate measurement of your valuable insecticides. Available in 2 sizes—8 oz. and 16 oz.

8-oz. size (1/2 pint). Each...\$1.75
16-oz. size (1 pint). Each... 2.75



SCALECIDE

Finest for control of San Jose Scale in greenhouse or nursery.

1-gallon tins.....\$ 2.50
5-gallons.....\$8.45 55-gallons.....48.25

SELOCIDE

Manufactured especially for the control of Red Spider. 1-gallon bottle.....\$3.00

SEMESAN

Used as a dust or in solution with water for treatment of seeds, corms, bulbs and seedlings. Reduces seed rotting and damping-off.

2-oz. can.....\$ 0.60 12-oz. can.....\$ 2.40
4-lb. can.....11.00 25-lb. can.....58.28
100-lb. drum.....219.80

SNAROL

A ready prepared bait meal that means sure death for Cut-worms, Snails, Slugs, Sow-bugs, Grasshoppers, Earwigs and other garden pests.

1 lb.....	\$0.35
2 1/2 lbs.....	.75
6 lbs.....	1.50
50 lbs.....	7.50



SLUG SHOT—Dust

For control of chewing insects.



1-lb. tins.....	\$0.40
5-lb. tins.....	1.65
25-lb. bag.....	5.00

SODIUM SELENATE—Pure

The new insecticide that makes plants bite back and destroy many of the insects that hurt them. When applied to the soil in water solution, it is absorbed by the plants, making them poisonous to most insects. Especially effective with soft plants like carnations, chrysanthemums, cyclamens, gladioli, etc.

100 grams.....\$ 1.50 1 lb.....\$ 4.00
25 lbs.....87.50 100 lbs.....300.00

SODIUM SELENATE POWDER
"Seltox"

Contains 2% Sodium Selenate and 98% carrier (super-phosphate). Applied like a dry fertilizer. Action same as Sodium Selenate above.

25 lbs.....	\$ 4.25	50 lbs.....	\$ 8.00
100 lbs.....	15.00	500 lbs.....	65.00
1,000 lbs....	125.00	Ton.....	240.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SULPHUR—Wettable and Dusting

An improved dusting sulphur for home use which can also be used as a liquid spray. Controls red spiders on evergreen, and mildew, leaf spot, black spot, and rust on rose bushes, chrysanthemums, snap-dragons, carnations and certain other foliage.

2-lb. Sifter Carton.....\$0.40

SULPHUR—For Spraying
"Magnetic"—Wettable

Goes into solution with water immediately. Now takes the place of Colloidal Sulphur at less than 1/3 the cost.

4-lb. bag.....\$0.50 Dozen.....\$4.00
50-lb. bags. Each..... 4.25

SULPHUR—For Dusting
"Owl Brand"

Per 100 lbs.....\$4.95

SULPHUR—Stick
"Arrow Brand"

25 lbs.....\$1.75 50 lbs.....\$3.25
150 lbs..... 8.95

TARTAR EMETIC

To control Gladiolus Thrips; also all other types of Thrips.

Formula: 2 lbs. TARTAR EMETIC, 4 lbs. Brown Sugar, 100 gallons water.

1 lb.....	\$ 0.90	5 lbs.....	\$ 4.00
25 lbs.....	18.75	50 lbs.....	36.50
100 lbs.....			70.00

TEPP
(Tetraethyl Pyrophosphate)
See Aerosol Bombs and Vapotone.)

THIOCIDE—Spray

A sulphur compound which is highly toxic to Cyclamen and Broad Mite.

Gallons.....\$ 6.00

TOBACCO DUST

50-lb. bag.....\$2.50

TREE BANDING COMPOUND
"STOP"

A sticky tree banding compound for use on trees, shrubs, and vines to prevent insects from crawling up to destroy foliage. Simplifies the spraying problem later.

1 lb.....	\$ 0.95	7 1/2 lbs.....	\$ 5.50
25 lbs.....	12.00	50 lbs.....	22.00

VOLCK

An oil spray used against Mealy Bugs, Scale Insects, Red Spider and White Fly.

4 oz.....	\$0.35
Pint.....	.70
Gallon.....	2.85
5 gallon.....	8.50



INSECTICIDES AND FUNGICIDES

TRIOGEN DUST

An All-Purpose Garden Dust

Contains a perfect blend of DDT, Rotenone, Fermate, and Sulphur to control sucking and chewing insects as well as mildew, black spot and certain blights.

1 lb.	\$ 0.85	5 lb.	\$ 3.50
25 lb.	16.25	50 lb.	32.50

TRIOGEN SPRAY

The All-Purpose Spray for Roses

This outstanding Rose Spray is effective also on Asters, Snapdragons, Chrysanthemums and many other plants including vegetable garden produce. A complete insecticide and fungicide for the garden.

E KIT.	Economy size (makes 8 qts.) Protects 6 to 10 roses for season.	\$ 1.35
A KIT.	Small size (makes 16 qts.) Protects 12 to 20 roses for season.	2.25
B KIT.	Medium size (makes 64 quarts.) Protects 50 to 80 roses for season.	6.00
C KIT.	Large size (makes 32 gals.) Protects 100 to 160 roses for season.	9.00
D KIT.	Estate size (makes 128 gals.) Protects 400 to 600 roses for season.	30.00



VAPOTONE XX

Contains tetraethyl phosphates. The new organic insecticide that has been giving such spectacular results against Red Spider and Aphids on Roses, Carnations, Gardenias, Mums, etc.

4 oz.	\$ 0.85	Case of 24	\$ 13.60
Pint	2.50	Case of 12	20.00
Gallon			11.90

ZERLATE

3 lb. bag	\$ 2.75	25 lb. drum	\$ 21.25
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PEST AND ANIMAL CONTROLS

"AIROSOL" BOMB

Original government formula DDT insecticide. For flies, mosquitoes, gnats, roaches, wasps, hornets, bedbugs, etc.

Each	\$ 1.50	Ctn. of 6	\$ 6.76
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ANT KILLER—"Jones"

1/2 oz.	\$ 0.10	Dozen	\$ 0.80
2 oz.	.25	Dozen	2.00

"READY FILLED" Antrol Set

The Ready Filled Antrol Set consists of four patented glass "feeders" filled with regular Antrol Syrup, packed in the powerful display carton illustrated at right.

Ready Filled Sets. Each	\$ 0.40
Dozen Sets	3.20

CYANOGAS—ANT KILLER

Does not rely on feeding habits of the ants. It kills them with gas. The spouted 4-oz. can (enough to kill a million ants) is especially designed for treating ant nests in gardens and lawns. 4-oz. can.....39c



CYANOGAS "A"—Dust

Kills Rats, Moles, Soil Insects, and Rodents. Very effective and economical to use. It's the gas that kills 'em.

1 lb.	\$ 0.98	5 lbs.	\$ 3.75
25 lbs.	12.50	100 lbs.	30.00

DOGZOFF—Liquid

Protection against all animals. Spray on lawn or around objects to be protected. Lasts a long time.

3 oz. bottle	\$ 0.60	Dozen	\$ 4.32
12 oz. aerosol bomb	2.25	Dozen	16.20

GOPHER CONTROL

Poison Grain

For Gophers, Rabbits, Squirrels, etc.	12 oz.	35c
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POISON WHEAT

To control Mice. 2 1/2-oz. package	15c
1 lb.	50c

RODENT DESTROYER

Simply light and insert in hole. It burns slowly and gives off gases deadly to all rodent pests. Dozen.....\$0.75 Gross.....\$7.70



RODENT REPELLENT "Peter Rabbit"

This copper soap formulation will prevent rabbits and other rodents from girdling trees and eating shrubs. Does not wash off or lose its repellent qualities.

Pint	\$.85	Dozen	\$ 1.80
Quart	1.50	Dozen	12.00
Gallon	4.50	Case of 4	12.00

WEED KILLERS

TAT C-LECT

Crab Grass Killer

Contains the new chemical PMAS, which kills crab grass seedlings and mature plants, and retards seed germination. Does not injure common lawn grasses.

8 oz. Each	\$ 0.85
Carton of 24	13.60
Pint. Each	1.50
Carton of 12	12.00
Gallon. Each	9.75
Case of 4	27.00



TAT Weed C-LECT

A special formulation of 2, 4-D to be added to Tat C-LECT to form a mixture deadly to both crabgrass and common lawn weeds. To be added to the diluted mixture of Tat C-LECT at the rate of one ounce to each 3 gallons. Does not injure common lawn grasses.

8 oz. Each	\$ 0.75	Ctn. of 24	\$ 12.00
Pint. Each	1.25	Ctn. of 24	20.00
Gallon. Each	6.00	Ctn. of 6	24.00

HERBICIDE

A COMPLETE WEED KILLER

A powerful and economical chemical for destroying weeds and grass on paths, driveways, cobble gutters, tennis courts, etc. Poisonous to animals.

1 quart	\$ 0.75	Dozen	\$ 6.00
1 gallon	1.50	5 gallons	6.00

AEROIL NO. 99 WEED BURNER

The 2000° flame of the Aeroil No. 99 Burner kills the growth and seeds instantly, and by proper handling even the roots can be killed off forever. This burner uses the cheapest fuel you have available: kerosene, gasoline, range oil, light furnace oil.

FLAME GUN COMPLETE	\$22.00
Shipping weight 23 lbs.	

WEED-NO-MORE—2, 4-D

Kills ugly broad-leaf weeds but will not harm common lawn grasses. Harmless to animals and humans—won't injure the soil—neither will it stain hands or clothing. Half-pint size will treat an area of 1600 square feet. Quart size will treat 6400 square feet.

WEED-NO-MORE 14

1/2 pint. Each	\$ 1.00	Dozen	\$ 7.20
Quart. Each	2.98	Dozen	21.48

40% CONCENTRATE

Gallon. Each	\$10.30	5 gal. Per gal.	\$10.05
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PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INSECTICIDES FOR RESALE

AIROSOL DDT BOMBS

12-oz. \$1.69 size. Ctn. of 6.....\$ 6.76

ANT KILLER—"Jones"

1/2 oz. 10c size. Case of 1 dozen.....\$0.80
2 oz. 25c size. Case of 1 dozen.....2.00ANTROL READY-FILLED SETS
For Ants

40c size. Dozen complete sets.....\$3.20

ARSENATE OF LEAD

1-lb. cartons. Dozen.....\$ 5.20
4-lb. bags. Case of 48 lbs.....15.60

BLACK LEAF 40

1-oz. 35c size. Ctn. of 24.....\$ 5.58
5-oz. \$1.00 size. Dozen.....8.55
1-lb. \$2.40 size. Dozen.....20.70
2-lb. \$4.15 size. Dozen.....36.85

BORDEAUX MIXTURE

1-lb. cartons. Case of 24.....\$7.20
4-lb. bags. Case of 12.....9.00CHLORDANE
40% Wettable

1-lb. bag. \$1.50 size. Dozen.....\$12.00

CHLORDANE
24% Emulsion8-oz. \$1.25 size. Ctn. of 24.....\$10.00
Pint. \$2.00 size. Dozen.....16.00

CYANOGAS "A"

For Ants, Rats, Moles, Rodents and Soil insects.
4-oz. 39c size. Dozen.....\$2.80
1-lb. 98c size. Dozen.....7.00

DOGZOFF—Liquid

3-oz. bottle. 60c size. Dozen.....\$ 4.32
12-oz. bottle. \$2.25 size. Dozen.....16.20

Rootone

Reg. U. S. Pat. Off.

A hormone powder for cuttings, seeds and bulbs. Just dust and plant.

1/4-oz. pkg.—25c size. Ctn. of 24.....\$4.00

2-oz. jars (up to 3,000 cuttings). Each.....1.00

Per dozen.....8.00

1-lb. pkg. (up to 30,000 cuttings). Each.....5.00

Rootone No. 10

2 1/2 times stronger than the standard. For woody cuttings.

2-oz. jar. Each.....\$ 2.00

1-lb. can. Each.....10.00

DDT—5% Dust

4-lb. bag, 90c size. Dozen.....\$7.20

EVERGREEN GARDEN SPRAY

1-oz. 35c size. Dozen.....\$ 2.80
6-oz. \$1.15 size. Dozen.....9.25
Pint \$2.45 size. Dozen.....20.90

ACME GARDEN GUARD

1-lb. sifter cans, 45c size. Dozen.....\$3.80
Case of 247.20
1-lb. pump guns, 60c size. Dozen.....5.00
Case of 249.60
4-lb. bags, 90c size. Dozen.....7.44

CARTRIDGES

For "Arnold" Sprayer

DDT Spray, Arsen-O-Spray, Pyr-O-Spray, Rot-O-Spray, Funguspray, Sulph-O-Spray, Nic-O-Spray, Weed-O-Spray.
35c size. Per dozen.....\$2.65

LIME SULPHUR—Dry

1-lb. tins, 40c size. Ctn. of 24.....\$6.24

POISON WHEAT

15c size. Dozen.....\$1.35

"RAT KISSES"

25c size—Display Card—18 pkgs.....\$3.00
6 or more cards. Per card.....2.50

RED ARROW SPRAY

1-oz. 35c size. Dozen.....\$2.70
4-oz. \$1.00 size. Dozen.....8.00
No. 720 Assortment (2 doz. 1 oz. size, 2 free
4 oz. size).....5.60

RODENT DESTROYER

List price \$1.00 dozen. Per gross.....\$7.70

ROACH KILLER—"S1000"

4-oz. Can. 35c size. Dozen.....\$2.70

PLANT HORMONES

Transplantone

1/2-oz. pkg.....\$0.25 Ctn. of 24.....\$4.00

3-oz. cans.....1.00 Doz. cans.....8.00

1-lb. cans. Each.....4.00

It contains the root forming hormones, Vitamin B₁, and other members of the Vitamin B Complex, which are important to plant growth.

Fruitone

REG. U. S. PAT. OFF.

The Hormone Spray Stops Preharvest Drop

2 oz.....\$1.00 12 oz.....\$5.00

Dilution: 2-oz. to each 25 gals. of water.

SLUG SHOT POWDER
Hammonds1-lb. 40c size. Dozen.....\$ 3.24
5-lb. \$1.70 size. Dozen.....13.68

SNAROL

1-lb. 35c size. Dozen.....\$2.80
2 1/2-lb. 75c size. Dozen.....6.00

SULPHUR—Wettable or Dusting

2-lb. sifter cans. 48c size. Ctn. of 24.....\$7.80

TREE BANDING COMPOUND
"STOP"1-lb. 95c size. Case of 24.....\$15.20
7 1/2-lb. \$5.50 size. Case of 4.....14.70

TRI-OKEN DUST

1-lb. 85c size. Carton of 24.....\$13.69
5-lb. \$3.50 size. Carton of 12.....28.08

TRI-OKEN SPRAY

E Kits—\$1.35 size. 24 for.....\$21.60
A Kits—\$2.25 size. 12 for.....\$18.00
B Kits—\$6.00 size. 6 for.....\$24.00
C Kits—\$9.00 size. 4 for.....\$24.00
D Kits—\$30.00 size. 3 for.....\$60.00

VAPOTONE GARDEN SPRAY

4-oz. 85c size. Case of 24.....\$13.60
Pint. \$2.50 size. Case of 12.....20.00

VOLCK

4-oz. 35c size. Dozen.....\$2.80
Pint 70c size. Dozen.....5.60

WEED KILLERS

HERBICIDE

Quart. 75c size. Dozen.....\$ 6.00

WEED-NO-MORE

1/2 pint. \$1.00 size. Ctn. of 24.....\$14.40
Quart. \$2.98 size. Dozen.....21.45

TAT C-LECT—CRAB GRASS KILLER

8-oz. 85c size. Ctn. of 24.....\$13.60
16-oz. \$1.50 size. Dozen.....12.00

TAT WEED C-LECT

8-oz. 75c size. Ctn. of 24.....\$12.00
Pint. \$1.25 size. Dozen.....10.00Combination Package. (8-oz. Tat Weed
C-Lect and 1 Pint Tat C-Lect) Retail \$2.25
Dozen Packages18.00

Hormodin Powder

Reg. U. S. Pat. Off.

The Hormone Powder for rooting cuttings faster
and better. Available in three strengths: No. 1
for house, garden and greenhouse plants; No.
2 for woody and semi-woody plants; No. 3 for
evergreens and trees.25c size. No. 1 Powder. 24 on a card.....\$3.60
Combination Package (No. 1, No. 2 and
No. 3)75

Hormodin Powder No. 1

1 1/4 oz.....50c 1-lb. tins.....\$3.00

Hormodin Powder No. 2

1 1/4 oz.....75c 1 lb.....\$4.50

Hormodin Powder No. 3

1 oz.....\$1.00 1/2 lb.....\$4.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

TREE AND GRAFTING SUPPLIES

TREE WOUND COMPOUNDS

Tacky—Insect Repellent



"AFS" PRUNING COMPOUNDS

Thin only with Raw Linseed Oil

LIQUID

1-gallon cans. Each.....	\$1.60
5-gallon drums. Each.....	6.50

"AFS" ASPHALT EMULSION

Thin with water

1-gallon cans. Each.....	\$1.60
5-gallon cans. Each.....	6.50

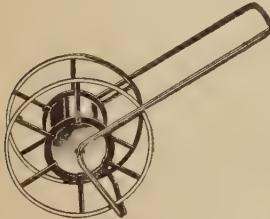
Fine for banding trees — Very Tacky — Sticky, Insect Repellent.

GRAFTING WAX



1/2-lb. bar. Each.....	\$0.45	Dozen.....	\$3.60
1-lb. bar. Each.....	.70	Dozen.....	5.60

HOSE REEL



All steel, sturdy, easy to operate. The wheels will clear the floor when the reel is tilted for reeling or unreeling the hose.

No. 1. Holds 100 ft. of 3/4" hose.

Each.....\$11.50 3 for.....\$23.00

No. 2. Holds 150 ft. of 3/4" hose.

Each.....\$12.00 3 for.....\$24.00

ROOT IRRIGATOR



The modern way of sub-surface irrigating deep-rooted shrubs, evergreens and trees. The main roots and their feeders grow in their natural way down into the ground when properly watered, and do not turn up to the surface for moisture. Has 1/2-inch steel tube, 36 inches long, with brass shut-off and 3/4-inch swivel hose connection. No. 7023. Each.....\$4.00 6 for.....\$16.00

RAFFIA

Finest Grade—West Coast Majunga. Natural
Finest Imported.

1 lb.....	\$0.80	5 lbs.....	\$3.75
RAFFIA—Green Dyed. Per lb.....	\$0.90		

BUDGING STRIPS

Natural red rubber, 3/16" wide, 4 inches or 5 inches long. Specify which.

	.010 Gauge (Thin)	.020 Gauge (Heavy)
1-99 lbs. Per lb.....	\$1.75	\$1.50
100-499 lbs. Per lb.....	1.50	1.30
500 lbs. and over. Per lb....	1.25	1.10
Approximate count—		
4-inch, per lb.....	3,600	1,800
5-inch, per lb.....	2,900	1,450

TREE WRAP

Duplex creped paper. 4-inches wide. 150 feet long.

Per roll.....	\$0.50
10 rolls.....	4.50



SPRAY-LIFE

Contains VL-600, a product of the B. F. Goodrich Co. Specially compounded by American Anode, Inc., Akron, Ohio. A protective coating for Evergreens, Shrubs, Roses, Perennials and Vegetable Plants. Prevents Excessive Dehydration during Transplanting—Shipping—Display. A Preservative Coating for Christmas Trees—Wreaths—Holly. Comes in concentrated liquid form—just add water—mixes immediately.

Spray Life is a compounded vinyl resin latex preservative coating for plants, foliage, vegetables and fruits. Supplied as a liquid, it forms an invisible plastic film when applied by dipping, brushing or spraying.

In transplanting evergreens, deciduous trees, perennials or tomatoes, Spray Life retards evaporation from leaves while plants are establishing new roots, thus minimizing wilting, retarding of plant growth, and reducing plant loss.

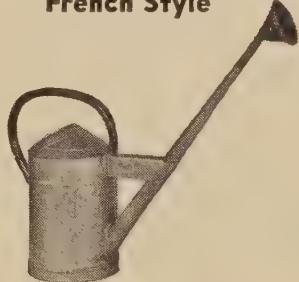
Spray Life increases the life of Norway Spruce, gardenias, orchids, daffodils, carnations, fern asparagus and Oregon fern days and weeks longer (gardenias 5 to 8 times, fern asparagus 4 times).

Oranges, potatoes, apples, lemons, cucumbers, may be coated with Spray Life to decrease moisture loss and increase gloss of product. Spray Life in combination with 2,4-D micronized sulfur and other insecticides and fungicides increases effectiveness of these products, lengthening activity of spray.

One gallon.....	\$6.50
5 gallons, per gallon.....	5.50
50 gallons, per gallon.....	4.80

SPRINKLING CANS

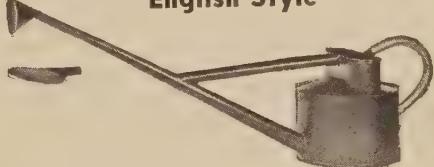
French Style



Heavy galvanized iron construction with strongly supported long spout. Tubular aluminum handle formed for balance and convenient pouring. Two brass roses—extra fine and medium coarse.

No. 306. 6 qt.....	\$6.60	No. 310. 10 qt.....	\$7.20
No. 308. 8 qt.....	6.90	No. 312. 12 qt.....	7.80

English Style



Heavy plated steel construction, enameled red. Tubular copper handle. Two brass roses—spoon (for seedlings) and round (for pot plants) with four and six quart cans; round extra fine and round medium coarse with eight and ten quart cans.

No. 404. 4 qt.....	\$6.60	No. 408. 8 qt.....	\$7.20
No. 406. 6 qt.....	6.90	No. 410. 10 qt.....	7.80

DECORATIVE WATERING POTS



A practical and handsome household aid for watering indoor plants. Also appropriate as a container for bouquets and plants. Sturdily constructed of metal and painted in attractive colors.

No. 101. 1-qt. size. Carton of 12.....	\$10.80
No. 102. 2-qt. size. Carton of 12.....	13.80

SELF-IRRIGATING WINDOW BOX



Attractively and sturdily constructed of steel, finished in pale green, which blends handsomely with plants. Designed to permit entry of water at plant roots. Supported to prevent moisture condensation on sill.

Length, 27". Width, 5 1/4". Height, 6".	
No. 500. Carton of 6.....	\$12.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

HOSE AND HOSE EQUIPMENT

HOSE WASHERS—Rubber

Very tough and durable.

3/4" Per dozen	10c
Per lb.	78c
1" Per dozen	20c
Per lb.	\$1.50



HOSE MENDERS—Clincher Type

	Stamped Brass	Cast Brass	Ea.	Doz.	Ea.	Doz.
1/2"	14c	\$1.16	20c	\$1.68		
5/8"	14c	1.16	20c	1.68		
3/4"	14c	1.16	20c	1.68		
1"	40c	3.50	45c	3.60		

HOSE CLAMPS—Bull Dog

1/2", 5/8" and 3/4"

Wrought Brass.

Per dozen.....\$0.70

Per gross.....6.04

For 1" hose

Per dozen.....\$ 3.00

Per gross.....27.20



HOSE COUPLINGS—Clincher Type

Brass. 1/2", 5/8" and 3/4".	
Clincher Type—Male and Female.	
Stamped Brass	Cast Brass
Per set	\$.40
Dozen	3.20
Stamped Brass. For 1" hose.	4.80
Per set.....\$.90	
Dozen	8.00

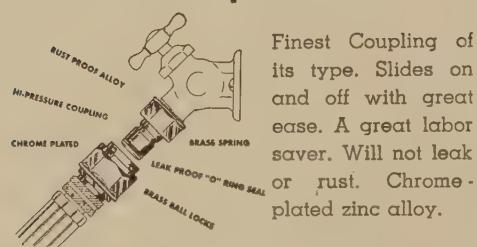
SHUT OFF CONNECTION

Solid brass. No. 1937.
Each.....\$2.20



SIAMESE CONNECTION

3/4" x 3/4" x 3/4"	....\$0.65
1" x 3/4" x 3/4"	1.35
1" x 1" x 1"	2.75

AUTOMATIC HOSE COUPLING
"Snap-On"

Finest Coupling of its type. Slides on and off with great ease. A great labor saver. Will not leak or rust. Chrome-plated zinc alloy.

Complete Set. Each...	\$1.10	Dozen..	\$ 9.90
3 dozen for.....	26.40		
Faucet end only. Each..	\$0.40	Dozen..	3.60
3 dozen for.....	9.60		
Hose end only. Each....	\$0.70	Dozen..	6.30
3 dozen for.....	16.80		
Rubber ring seals. Dozen.....	.80		

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

WATER BREAKERS



The "400" Water Breaker

No. 400. Gives a large volume of water with very little pressure. 3/4 in. coupling. Each

\$1.35
\$2.00

SKREENARE. For high pressure watering—50 lbs. and over. Mixes air with the water and gives a light flow of foamy water. 3/4-in. coupling.

Each

HOSE NOZZLES—Adjustable



All brass. 3/4" coupling.

LIGHTWEIGHT. Each.....\$0.35
6 for.....\$1.75 Dozen.....3.00

HEAVY DUTY. No. 85. Each.....\$0.90
6 for.....\$4.50 Dozen.....8.00

FLAT SPRAY



Junior—No. 7047.
Stamped brass.
Deluxe—No. 7000.
Cast brass.

Junior. Each.....\$0.45 Dozen.....\$ 4.00
Deluxe. Each.....1.15 Dozen.....10.00

HOSE—Greenhouse



Greenhouse Special

"DURO"—Very finest grade, red rubber hose, especially designed for greenhouse use. Very flexible.

2-ply—Heavy duty, high pressure.

3/4"—Uncoupled. Per ft.....35c
50-ft. length—Coupled

FEATHER-LITE PLASTIC HOSE



The finest quality plastic hose we have found yet. Tough, yet pliable. Full-flow "pull proof" couplings of heavy brass. High bursting pressure, long life. Green color. Multi-ribbed.

3/4" Greenhouse Hose
50 ft. length.....\$15.25
100 ft. length.....29.50

1/2" Garden Hose
25 ft. length (\$5.25 retail). Each.....\$ 3.75
Case of 6.....21.00
50 ft. length (\$9.50 retail). Each.....6.75
Case of 6.....37.86

FLORIST COUPLING



Full Flow, Long Shank, 3/4". No. 4449.
Each.....\$1.50 Dozen.....\$12.96

SEEDLING SPRINKLER WITH SHUT-OFF

A new type fine mist atomizer with finger-depressor shut-off. Precision made. The last word in seedling sprinklers.
No. L-5-3. With 3/4" hose connection.
Each

\$3.50

No. L-5-1. With 1/4" pipe thread. Each \$3.50

HOT HOUSE SPRINKLER

3/4" coupling.

Stamped Brass.

3-inch. Each.....\$0.65 Dozen.....\$6.00
4-inch. Each..... .85 Dozen..... 7.60

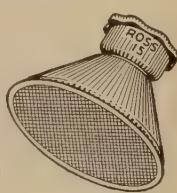
Cast Brass.

3-inch. Each.....\$0.90 Dozen.....\$ 8.00
4-inch. Each..... 1.35 Dozen..... 12.00

SEEDLING SPRINKLER

Excellent to lay a dew on young plants. It breaks up the water into a fine fog. 3/4" hose threads.

No. 15—Wt., 3 oz....\$ 1.35
Dozen



SYRINGE NOZZLE



"Paradise"

Complete with four individual tips.

10-inch. Each.....\$3.20

HOSE VALVES

Made of cast brass with leather disc.

Size of Inlet	Size of Outlet	Each
3/4"	3/4"	\$1.35
1"	3/4"	2.20
1"	1"	2.20



LAWN SPRINKLERS

SPRAY WAVE—Sprinkler



Gives a huge swinging fan of gentle penetrating rain. Will water a space up to 40' long by 50' wide. Uses approximately 5 gals. per minute. Adjustable speed travel. Adjustable length of swing.

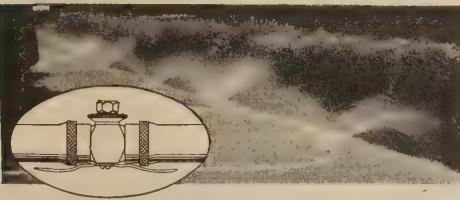
SPRAY WAVE.....\$22.50

RAIN WAVE—Sprinkler

A Big Brother to the Spray Wave

A Heavy Duty Oscillating Sprinkler on a Roller Base. Covers up to 50' by 50' on ordinary city pressures. Equals 1" of rain in 6 hours.

RAIN WAVE.....\$42.50



SPRINKLIT

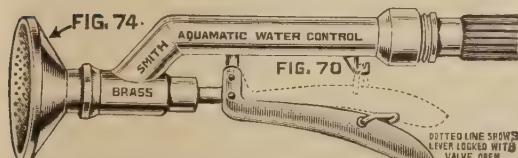
THE PORTABLE SPRINKLER SYSTEM

- 50 feet special Goodrich Koroseal plastic hose with five solid brass sprayers—waters 1 to 1,000 sq. ft.
- Sprayers can be turned on and off individually. With all turned off it doubles as a garden hose.
- It puts the water where you want it—and only where you want it.
- Waters the ground, not the air, with a fine, drizzle-like spray.
- Weighs 8 lbs. • 5 Year Guarantee

WATER BREAKERS

50 ft. Koroseal Sprinklit Unit. (List \$17.95)
Each.....\$13.50 Case of 6.....\$71.80

"AQUAMATIC" SHUT-OFF



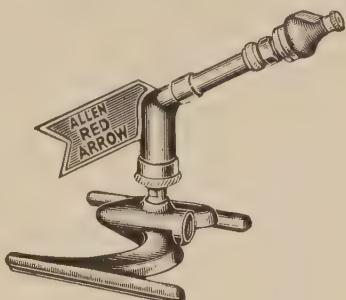
3/4" hose connection.

No. L-17—Complete as above.....\$3.50

No. L-48—4" face (Fig. 74)..... .85

No. L-18—Shut-off only (Fig. 70)..... 2.75

"Red Arrow"

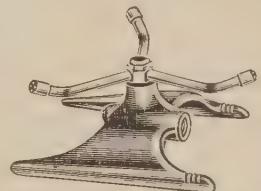


A practical rotary-type sprinkler for large lawns, parks, golf courses, etc. Covers an area 60 feet or larger in diameter. No. 7020-B.

Each.....\$8.00 6 for.....\$32.00

"ZENITH"

Sprinkles a S-q-u-a-r-e Area



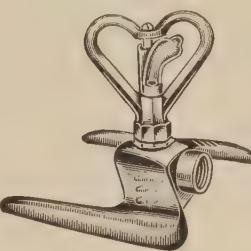
Covers a square about 30 feet across, getting into all the corners. No. 7019.

Each.....\$2.50 6 for.....\$10.00

"Busy"

Distributes water evenly in a rain-like mist over a 35-foot circle. No. 7014.

Each\$1.95
6 for..... 7.80



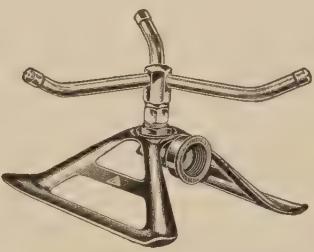
"Parkside"

Revolving or stationary. Sprays or streams. Large to small areas. No. 7003.

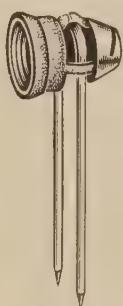
Each\$4.50
6 for.....\$18.00



"Standard"



No. 3463. Each.....\$1.80 6 for.....\$7.20



DOUBLE SPIKE SPRINKLER

A simple but very popular sprinkler that throws a fine fan-shaped spray in a 20-ft. half circle. The two spikes hold it steady. No. 4519.

Each\$0.70
6 for 2.80

"HARTFORD" SPIKE SPRINKLER

An old reliable sprinkler that gives a rain-like floating mist over a large area. Equipped with free-running, quiet "Ideal" head.

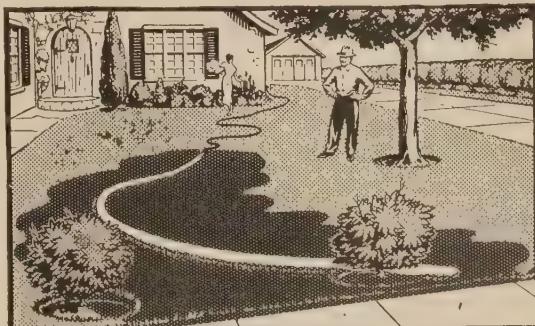
Each 6 for
2 ft.....\$2.50 \$10.00
4 ft..... 3.00 12.00
6 ft..... 4.00 16.00



"IDEAL" Sprinkler Head Only

3/8" pipe connection.
Each\$1.00
Dozen 8.00

SOIL SOAKERS



MULTIPLE SPRINKLER

Connected in series with short lengths of hose, these adjustable sprinklers make a very flexible sprinkling system. Set of 4 sprinklers and 2 end caps. No. 4573.

Per set.....\$5.52 6 sets.....\$22.08

Descriptive circular sent on request.

No. 0—12 ft.....	\$1.20	6 for.....	\$ 6.00
No. 1—18 ft.....	1.60	6 for.....	8.40
No. 2—30 ft.....	2.25	6 for.....	12.60
No. 3—50 ft.....	3.65	6 for.....	20.60

NOTE: To shorten hose, if so desired, merely tie off with a piece of string or rope to any length desired.

INSECTICIDE SPRAYERS

PUMP TANK INSECTICIDE SPRAYERS

Myers—"Kwikfill"



Recognizing that compressed air sprayers are subjected to severe use and frequently considered abuse, Myers have consistently maintained a high standard in construction and material used in their compressed air sprayers, which assures durability and excellence of performance.

Model 2242—4 gallon capacity—

Galvanized—Wt. 13 lbs. Each.....\$11.25

Model 2240—2½ gal. cap. Each..... 10.25

Brown—"Open-Hed"

Heavy galvanized steel tank. Large top opening that makes cleaning easy. 4 gallon capacity. Each

\$10.25



Smith—"Banner"

Galvanized steel tank sprayer. Open-head type. 4 gallon capacity.

No. 22G0. Each.....\$10.50

TRI-SODIUM PHOSPHATE

Used for washing and cleaning out sprayers. Be sure to rinse thoroughly to avoid corrosion of the metal. Use 2 tablespoons to 1 gallon of water, or 3 lbs. to 100 gallons of water.

5 lbs. \$1.25 10 lbs. \$2.25
25 lbs. 3.50 50 lbs. 4.50
100 lbs. 5.75

"CHAMPION" SPRAYERS



The most powerful portable sprayer ever designed. Maintains a continuous spray. Adjustable brass nozzle permits either a fine mist or a 35-foot stream. Light weight. 5 gallon capacity.

No. 1. Galvanized. Each.....\$21.85

No. 2. Brass. Each..... 24.95

Shipping weight, 16 lbs.

CART SPRAYER

"Jim Dandy"

A new type sprayer that serves many purposes. Its ease of handling makes it perfect for the greenhouse, farm or garden. Can be used for insecticides, weed killers, or with water for fighting fires, washing automobiles, etc. Has balloon tire wheels and roller bearing, galvanized steel open-head 5-gallon tank, adjustable nozzle and shut-off, and 12 ft. of spray hose. Cart Sprayer, complete

\$31.50



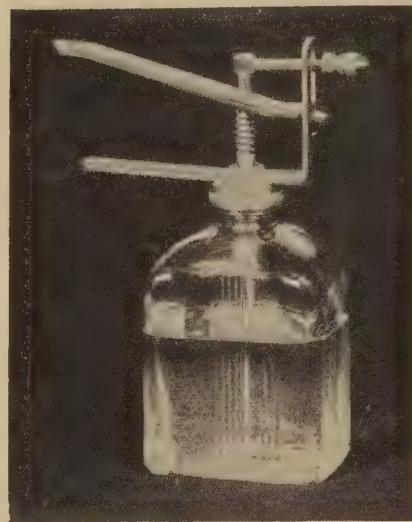
AIROSPRAYER



All-purpose sprayer. No tank necessary—just drop hose in bucket of spray material and pump. Spray adjustable to fine mist or 35-foot stream. For spraying with insecticides, white washing or fighting fires. Heavy gauge brass. Each

\$7.25

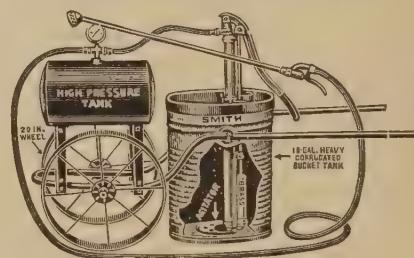
CAPSON SPRAYER



Very smooth operating, hand pump sprayer for misting plants, spraying Florawax or insecticides. Non-clogging, easy to clean. Nickel-plated brass parts, pint glass bottle. Each

\$2.95

"STREAMLINE" SPRAYER



As shown above.

No. 60SG. Steel wheels. Without pressure tank. Complete

\$29.30

No. 60BG. Balloon tires. Without pressure tank. Complete

\$40.85

No. 60SPG. Steel wheels. With pressure tank. Complete

\$48.90

No. 60BPG. Balloon tires. With pressure tank. Complete

\$60.40

CARTRIDGE SPRAYER—"Arnold"

The easy way to spray. Just insert cartridge of desired insecticide in sprayer and attach to garden hose. Brass sprayer. Each

\$4.00 6 for.....\$16.00

Cartridges—DDT Spray, Arsen-O-Spray, Pyr-O-Spray, Rot-O-Spray, Funguspray, Sulph-O-Spray, Nic-O-Spray, Weed-O-Spray. Each

\$0.35 Dozen.....\$4.00

Discharge Equipment for Compressed Air Sprayers



Includes shut-off cock, 18" extension, nozzle, and 27 inches of hose. Complete

\$3.25

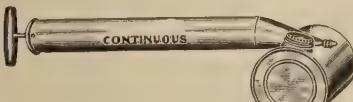
SPRAY HOSE AND EQUIPMENT

HAND PUMP SPRAYERS

"Blizzard"



No. 14-Q. Capacity 1 quart. Each.....\$ 3.75
 3 for.....\$10.50 6 for.....19.14
 TWIN NOZZLES for Straight or Angle Spraying.



SMITH "Continuous"

Capacity—1 quart. Galvanized.
 No. 10-G. Each.....\$ 1.40
 6 for.....\$8.00 Dozen.....15.00

SMITH "Single Action"

Capacity—1 quart. Galvanized.
 No. 3-G. Each.....\$ 0.85
 6 for.....\$4.80 Dozen.....8.50



SCOLLAY SPRAY BULB

Finest quality red rubber.
 8 oz.
 Each\$1.35



BRONX SPRAY BOTTLE

Throws powerful, broad mist spray with slow, easy pump stroke.

Pint size:
 Each\$1.75 6 for....\$9.00
 Quart size:
 Each\$1.85 6 for....\$9.60



SHUT-OFF COCK Model 1283

Has been carefully designed. Every body and plug is ground to a perfect seat, insuring leak-proof lasting performance. Threaded with $\frac{1}{4}$ " standard pipe thread. Brass. Each\$2.00

ADJUSTABLE NOZZLE No. 147



Throws broad fog mist, or long distance spray for trees.

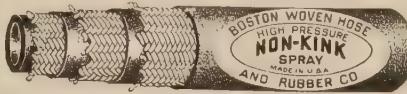
No. 147. Each.....\$1.50 6 for....\$7.50

HIGH PRESSURE HOSE

Spray Hose—"Non-Kink"

Rayon fabric for added strength.

High Pressure—800 lbs.



$\frac{3}{8}$ " 2-braid—Uncoupled. Per ft.....35c
 $\frac{1}{2}$ " 2-braid—Uncoupled. Per ft.....39c

Spray Hose—"Milo"—2 Braid

Cotton fabric. Medium Pressure 250 lbs.



$\frac{3}{8}$ " 2-braid—Uncoupled. Per ft.....21c
 $\frac{1}{2}$ " 2-braid—Uncoupled. Per ft.....26c

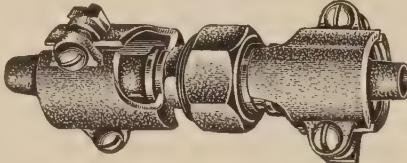
Insecticide Sprayer Hose—"Vigo"

100 lbs. Pressure—1 Braid



Single braid, black, smooth.
 $\frac{3}{8}$ " Uncoupled. Per ft.....15c

HIGH PRESSURE HOSE COUPLINGS

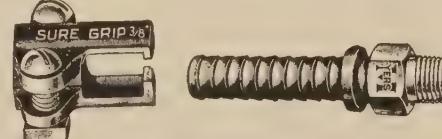


Heavy brass tailpieces and clamps. Impossible for hose to blow off or pull off.

Connection size $\frac{1}{4}$ ". Hose thread.
 Weight 1 lb.

End	Hose Size	Price
Female	$\frac{3}{8}$ " or $\frac{1}{2}$ ". With clamp	\$1.10
Male	$\frac{3}{8}$ " or $\frac{1}{2}$ ". With clamp	.85
Complete Set	$\frac{3}{8}$ " or $\frac{1}{2}$ ".	1.85

Connection size $\frac{1}{4}$ ". Iron Pipe Threads



Male End, $\frac{3}{8}$ ". With clamp.....\$0.95
 Male End, $\frac{1}{2}$ ". With clamp.....1.05



PRESSURE GAUGE—Myers

Model 6633A. Measures up to 400 lbs.

Each\$4.50

BRASS EXTENSIONS FOR SPRAYERS

18-inch. Each.....\$1.00
 34-inch. Each.....1.25

SHUT OFF COCKS, LEVER

Myers

For compressed air sprayers —
 Wt. $\frac{3}{4}$ lbs.

No. 7538A. With Fembro 45° nozzle. Each. \$2.10

No. 5386A. Lever only. Each.....\$1.30

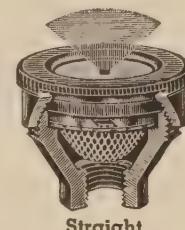


SPRAY NOZZLES—Myers

Jumbo Nozzles

Large size. With holes drilled in whirler and with cone strainer. Delivers a very broad, fine spray with good carrying qualities.

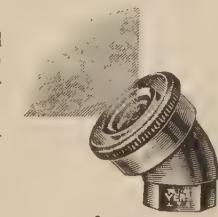
Straight—Wt. 6 oz.
 No. 7535B. Each....\$1.50
 45 degree—Wt. 6 oz.
 No. 7536B. Each....\$1.65



Fembro Nozzles

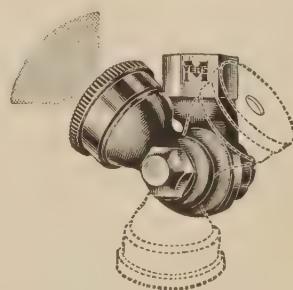
Standard used on hand pump, wheelbarrow type and the smaller sized power sprayers, spray booms, etc. All brass, stainless steel discs and cone screen strainer.

Straight—Wt. 4 oz.
 No. 6253A. Each...\$1.00
 No. 5741A. 45 degree—Wt. 4 oz. Each..\$1.15



Adjustable Nozzle will deliver the spray in any direction clear around the circle.

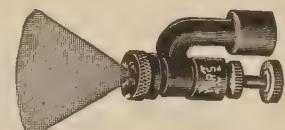
Wt. 5 oz.
 No. 7519A.
 Each\$1.90



GRADUATING NOZZLE

The Spray may be graduated from a fine mist up to a solid spray carrying the stream a greater distance.

No. 6690A. Each\$1.20



BORDEAUX NOZZLE No. 5424A

Will throw a fine fan-shaped spray or a solid stream or may be shut off altogether.

Recommended for white-washing.
 No. 5424A. Wt. 6 oz.
 Each\$1.65



DUSTERS AND POWER SPRAYERS

"DUSTMASTER"



Hand pump type with Glass Jar Container and 12 inch extension.

No. 36D. Each.....\$1.40 Dozen.....\$13.00

HAND DUST GUNS



"Junior" DUST Gun—No. P-1

Stoutly made for long service. Easy to fill and operate. Holds $\frac{1}{2}$ lb. of dust per filling.

No. P-1—Wt. 1 $\frac{1}{2}$ lbs. Each.....\$1.45
6 for.....\$7.25 Dozen.....\$13.00

"Jumbo" DUST Gun—No. P-2

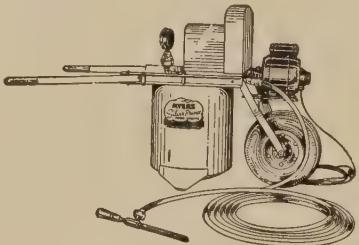
A larger hand gun with special filling device. Holds 1 lb. of dust per filling. Rugged construction for long life.

No. P-2—Wt. 2 $\frac{1}{2}$ lbs. Each.....\$3.05
6 for.....\$14.00 Dozen.....\$27.50

CONSULT THE INDEX

for quickest results in finding the item you are looking for.

Pages 98 and 99.

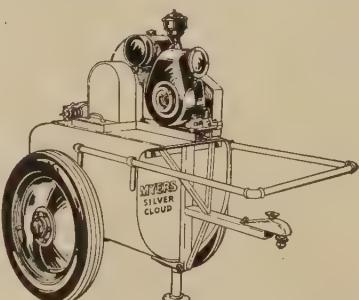
FINEST MAKES OF POWER SPRAYERS
MYERS "Silver Prince"

A compact, convenient greenhouse sprayer that provides high-pressure spraying at remarkably low cost. Perfectly balanced, easy to handle. Pressure, 225 lbs. Capacity 2 gallons per minute. Tank, 12 $\frac{1}{2}$ gals. Width 16 inches. Complete with 15 ft. hose and spray gun.

No. 4502—MR. With $\frac{1}{2}$ H.P. Electric Motor\$210.00

No. 4502—ER. With $\frac{3}{4}$ H.P. Gasoline Engine\$200.00

MYERS "Silver Cloud"



A sturdily made portable sprayer of the estate type that does an outstanding job. Double acting pump provides high driving spray or finely atomized mist. Capacity, 4 gallons per minute. Pressure 300 lbs. 50 gallon tank. Strong steel wheels with rubber tires. Hose and gun extra.

No. 4104—ER. With 1 $\frac{1}{2}$ H.P. Gasoline Engine\$320.00

No. 4104—MR. With 1 H.P. Electric Motor\$315.00

Trailer Hitch extra.....16.50

(Larger models also available.)

SEND FOR DETAILED CIRCULARS ON THESE SPRAYERS

LINDIG "Master"



A very high grade powerful sprayer. Pressure, 300 lbs., capacity 4 gals. per minute. Unit comes complete with spray nozzle, shut-off cock, and 18" extension spray rod. Supplied with either 1 H.P. electric motor or 1 $\frac{1}{2}$ H.P. gasoline engine. 25 gal. model is 20" wide, 50 gal. model is 31" wide. Model H-1. 25 gal. stationary sprayer \$300.00
Model H-2. 25 gal. portable sprayer 325.00
Model H-3. 50 gal. stationary sprayer 335.00
Model H-4. 50 gal. portable sprayer 365.00
Model H-5. 50 gal. portable sprayer with tractor hitch..... 375.00

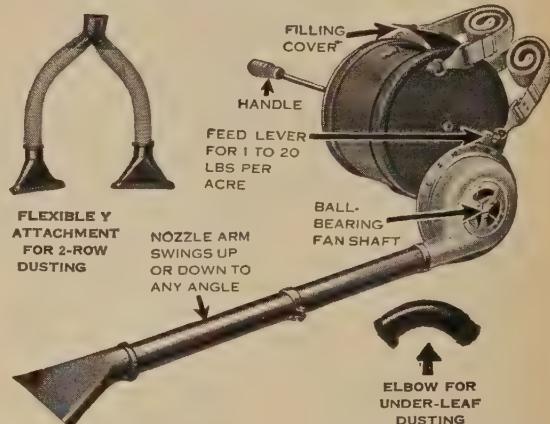
BEAN "Spartan"



A rugged dependable sprayer that delivers the right pressure for every job. Pressure, 200 lbs. Capacity, 3 gallons per minute. Tank, 15 gals. Width, 20 inches. Complete with 25 ft. hose and Defender spray gun. Model 3. With gasoline engine.....\$175.00
Model 3M. With $\frac{1}{2}$ H.P. Electric Motor\$180.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

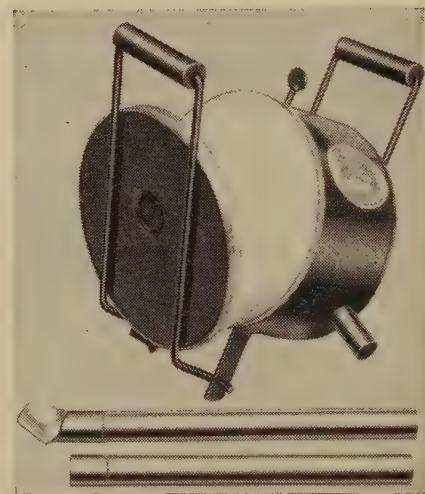
"DE LUXE" CRANK DUSTER



The last word in hand crank dusters. Bronze gears, ball bearings. All working parts packed in grease. Perfect balance, easy to carry and operate.

Complete, including all parts as above. Each\$22.20

Shipping Weight—Each 16 lbs.

HAND DUSTER
Bellows Type

A sturdy duster of practical design, light in weight, and easy to operate. Powerful pressure and air jet agitation keeps powder continuously mixed. Capacity, 8 lbs. All parts are enclosed and the steel tank is lead coated for long life. Stout bellows is of genuine leather.

Complete as shown. Each.....\$8.75

PEST CONTROL CHART

For the convenience of our customers we have included a Pest and Disease Control Chart on the Inside Back Cover of this catalog. This chart has been carefully compiled by the Ohio Florist Association under the direction of its Secretary, Prof. Alex Laurie of Ohio State University. It is complete and up to date.

The insecticides and fungicides listed therein are carried in stock by us and are listed on Pages 60-64 of this catalog.

When trouble arises, consult the chart.

RESPIRATORS AND RUBBER CLOTHING

GAS MASK—"Burrell Industrial"



For complete protection against individual gases or a combination of gases, smokes, vapors and dusts — carbon monoxide and illuminating gases excepted. U. S. Bureau of Mines Approved. Each different gas or poison requires a special canister filter. When ordering, kindly mention what poison or gas you will use the mask for. Complete with knapsack and carrying case.

Each \$25.00

CANISTERS. Each 3.00

For Formaldehyde or Nicotine, No. GMA-Black.

For Cyanogas. No. GMK-White.

For Organic Vapors and Acid Gases, No. GMC —Yellow. Including Vapotone and Aerosol Bombs.

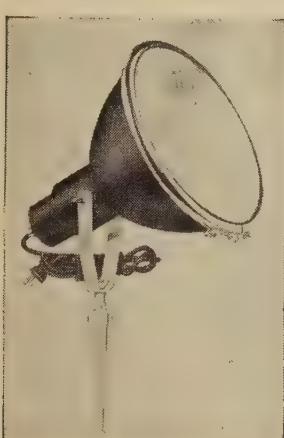
GAS MASK—Junior

Full face covering gas mask with approved GMC-1 canister—No knapsack or carrying case. Designed for use with Aerosol bombs. Each \$7.50

RUBBER HOOD

For use with gas masks to completely cover head and shoulders while spraying or using aerosols containing Parathion or TEPP. Each \$7.50

FLOOD LIGHT



For indoor or outdoor display. New patented design reflector gives stronger beam than much higher priced lights. Equipped with spike for anchoring into ground or bracket for permanent mounting. Gives off no heat. Amber lens, 7 1/2-in. diameter. Uses standard 100-watt bulb. Complete with weatherproof cord and plug but without bulb. Each \$4.90

Complete with weatherproof cord and plug but without bulb. Each \$4.90

DUST RESPIRATOR "Comfo"



For DUSTS and MISTS. Outstanding efficiency in dust protection with utmost comfort to the wearer.

No. CR-44777.

Each \$3.65

EXTRA FILTER DISCS.

No. CR-17393.

Package of 10 \$0.35

CHEMICAL RESPIRATOR "Twin Cartridge"

Absorbs nicotine or tobacco fumes, also paint fumes or any organic vapor fumes. U. S. Bureau of Mines Approved.

No. CR-44158.

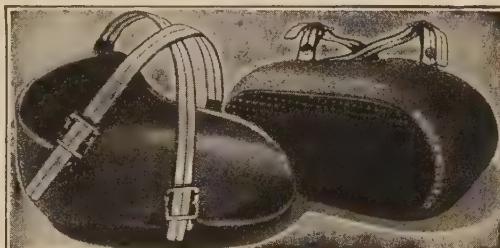
Chemical Respirator. Each \$6.50

CARTRIDGE REFILLS.

No. CR-44135. 2 for \$1.00



KNEE PADS



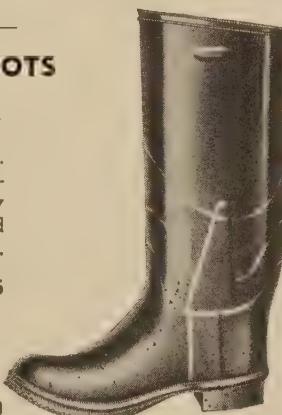
A practical, serviceable, comfort-giving knee cushion. Per pair \$1.50

RUBBER BOOTS

Boots—Knee

Sizes 7, 8, 9, 10. Very finest quality. Extra heavy soles. Reinforced toes and heels.

Per pair \$6.25



Hip Boots

Per pair \$9.90

RUBBER CLOTHING Coats:

Light weight, yet tough. Buckle fasteners. Corduroy edged collar. Patch pockets with flaps. Eyelet ventilation under arms. Double ventilated back. Vent in skirt. Length 50 inches. Sizes 36, 38, 40, 42.

Coats Each \$9.75

Hats:

Soft and light weight, yet durable and absolutely waterproof—seams vulcanized.

Sizes 6 1/2 to 7 3/4. Each \$1.50

GLOVES—Rubber Coated Fabric

Will not snag or tear. Medium weight. Waterproof. Very strong. Rubber Palm. Ventilated Back.

Gloves. Per pair \$0.75
Men's Gauntlets. Per pair 1.00
Ladies' Gauntlets. Per pair75

APRONS—Greenhouse

RUBBER: Medium heavy, soft and pliable, yet tough and durable. Each \$3.00

APRONS—Light Weight, Soft, Pliable Rubber

For workroom, store or house. To keep clothes clean and dry. Complete with neck and waist bands. Each \$1.50

APRONS—Plastic

Soft and light, yet durable. A new plastic material that is three times thicker than the average. Will stand below zero temperature without cracking and will outwear rubber. 48" long. Each \$2.25

APRONS—Snap-On

Short aprons that snap around waist. Fine for florist shop or grading bench work.

RUBBER. Each \$1.50

WORK APRON—"Knepron"

A practical, heavy duty tan canvas apron with featherweight built-in knee pads. A great convenience for the person who has to work on his knees. Large pocket for carrying tools, small center pockets for keys, cigarettes, etc. Has split front for straddling seed rows. Strong ties to fasten at waist and below each knee. Each \$3.95

GLAZING MATERIALS

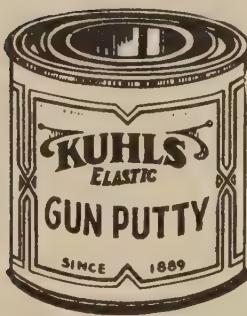
GREENHOUSE PAINT

"A.F.S." Special White. A high grade paint made from a balanced formula for long life. Goes on WHITE and stays WHITE. One gallon covers approx. 700 sq. ft. Gallon \$ 4.90
5 gallons 23.80



KUHLS "Elastic" Gun Putty Composition

The original Elastic Greenhouse Glazing composition does not crack, chip, crumble or peel. Readily removed for re-glazing without destroying the surface to which it adheres; as it does not become hard. One gal. covers approx. 250 lineal ft.
1 gallon \$ 2.95
5 gallon 14.25



GARLANITE—Glazing Putty

Gun grade. Keeps soft and pliable.

1 gallon \$ 3.55

5 gallons 17.25

Weight: 16 lbs. per gallon.



GLAZING GUN



Capacity 1½ pints —
Model A. Each... \$ 4.75
Capacity 2 pints —
Model AA. Each... \$ 6.75

PUTTY BULB—"Scollay"
The Old Reliable

For glazing or putty bulbing with liquid putty.

Each \$ 1.35



Glass Cutters

"Trojan" roller type.



Each \$ 0.25 3 for \$ 0.60

GLASS CLEANER—"Daybrite"

Apply with a brush, leave on a few minutes, then rinse off with cold water. It will leave the glass clean and free of grease and dirt. Daybrite will not injure paint or putty. One gallon will clean 600 square feet.

1-Gallon Jug—Wt. 17 lbs. Each..... \$ 2.00
15-Gallon Keg—Wt. 160 lbs. Each..... 18.75

GLASS CLEANER—"Lite-ning"

This scientific glass cleaner, made by the Garland Co., works instantly, dissolving the hardest crust of dirt, grease, soot, scum, or shading. Clean glass allows 30% to 60% more light to pass through. Under ordinary conditions dissolve ½ pound of Lite-ning crystals in one gallon of water. For exceptionally dirty glass, use one pound of Lite-ning to one gallon of water. Brush on glass, then rinse off with water. Will not injure plants or putty.

5 lb. \$ 6.75 10 lb. \$ 12.00

25 lb. 27.50 100 lb. 90.00

GLAZING STAPLES

Size 2 for single thick glass. Approx. 900 in 1-lb. box.

Per lb. Each..... 75c

10 or more lbs. Ea... 65c

Size 2½ for double

thick glass.

Approx. 800 in 1-lb. box

Per lb. Each..... 75c

10 or more lbs. Ea... 65c

SHADING FOR GREENHOUSES
"MT. BEACON"—Dark Green

1 gallon sufficient for 300 to 400 square feet.
Finest quality manufactured.

1-Gallon Pails. Each..... \$ 4.30

5-Gallon Drums. Each..... 21.00

DILUTION—1 part to 10 parts of Gasoline

"MT. BEACON"—Sea Green

1-Gallon Pails. Each..... \$ 3.60

5-Gallon Drums. Each..... 17.50

"MT BEACON"—White

1-Gallon Pails. Each..... \$ 3.60

5-Gallon Drums. Each..... 17.50

Full directions for using on each Pail or Drum.

GARLAND—White Shading

25 lbs. sufficient for 600 to 700 square feet.
Used by large growers for many years.

For comparison 25 lbs. is equivalent to 2

gallons. Use 2 to 3 lbs. per gallon of water

25-lb. Bags.... \$ 3.90 50-lb. Bags.... \$ 7.75

100-lb. kegs.... 14.00 350-lb. Barrels.... 45.50

500-lb. Barrels.... 60.00

GLAZING POINTS—Straight

5/8"—Approx. 1500 to 1-lb. box.

7/8"—Approx. 1000 to 1-lb. box.

Per 1-lb. box. Each..... \$ 0.70

5 or more boxes. Each..... .60

20 or more boxes. Each..... .55

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

THERMOMETERS AND WEATHER INSTRUMENTS

THERMOMETERS



No. 5127



No. 5703



No. 5448

"Utility" Thermometer

Metal. Enamelled white background. Black letters. Red mercury. Easy to read. Very accurate.

No. 5127. Each.....\$ 1.75
Dozen 19.50

Hot Bed Thermometer

All glass with point at bottom. 0° to 220° F.

No. 5703. Each.....\$ 1.65
Dozen 18.15

Maximum and Minimum Thermometer

Floating steel discs tell the lowest and highest temperatures during absence. Reset with a magnet.

No. G-5448. Complete with Magnet.....\$10.00

THERMOMETER—Outdoor

Read at a Glance



All brass and chrome plated, will not rust. The two-color scheme attracts immediate attention. Size 4" dial. Adjustable to all angles. Red center disc integral with indicating point. White dial with large black figures; will not discolor.

The most visible thermometer ever offered.
No. G-12. Each.....\$ 3.00
3 for 8.00
Dozen 24.00

RUBBERIZED STERILIZING CLOTH

A very high grade cloth for covering benches when steam sterilizing. Watertight and tough, yet very flexible. Will not mildew, lasts for years. Made of rubberized fabric, cross-laminated for greater strength. Comes in two widths, 6 ft. or 8½ feet, and can be cut to any length.

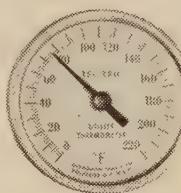
6 ft wide. Per lineal yard.....\$3.55
8½ ft. wide. Per lineal yard..... 5.35

F.O.B. Philadelphia, Pa.

SOIL THERMOMETER



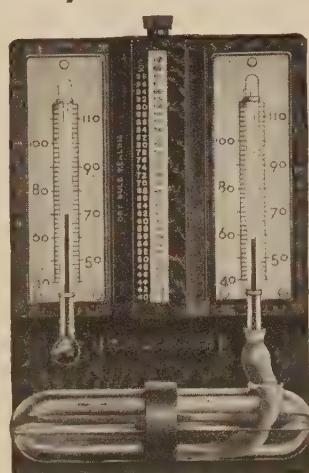
TEL-TRU
DIAL STEM



New type, highly recommended for measuring soil temperatures. Easy to read, very accurate. Very handy to use when steam sterilizing. Dial diameter, 2½". Stem length 6". 0° to 220°.

No. FC-220F. Each.....\$ 4.50
3 for.....\$12.00 Dozen..... 36.00

HUMIDIGUIDE—Taylor Humidity Indicator—Wet Bulb



Has revolving humidity table with figures according to U. S. Government laboratory tests. This type of instrument will give you the accurate percentage of humidity. Weight 1 lb.
No. 5534. Each.....\$6.50

TEMPERATURE ALARM "Standard"



The Standard Temperature Alarm is an automatic device to warn of abnormally high or low temperatures in Greenhouses.

In places where heat is provided through automatically operated oil burners or stokers, and there is an ever present danger of loss of heat through mechanical or electrical power failure, installation of the Standard Temperature Alarm assures an automatic warning in case of failure. Where hand fired heaters are installed, a Standard Alarm provides an automatic check-up on human forgetfulness or oversight. These Alarms will guard against low or high temperatures twenty-four hours a day.

One cold snap or breakdown might cost you hundreds of dollars which could have been prevented, had you had sufficient WARNING. Watchdog of the greenhouse. Write for illustrated circular.

No. GH 3. Shipping Wt. 5 lbs.....\$17.00
No. GH 4. Shipping Wt. 6 lbs..... 22.00
The above prices do not include the batteries, bell or wire.

No. GH 4 can be locked by operator.

RECORDING THERMOMETER "Standard"



An accurate, dependable instrument for making a permanent time-temperature record of your greenhouse. Automatically draws a continuous record that shows at a glance the highest and lowest temperature over a weekly period, duration of any temperature extreme, and frequency and spread of temperature fluctuations. Range from 20° to 120° F. Furnished with Weekly Charts No. 2, or Daily Chart No. 3.

Each. F.O.B. Boston.....\$60.00
Extra Charts No. 2 or No. 3 per 100..... 2.50

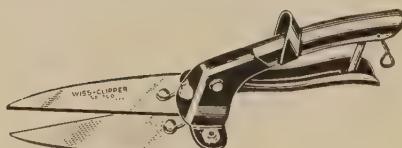
PRUNERS AND SHEARS

GRASS SHEARS
Wiss No. 5600

Drop-forged steel. Red enameled handles.

No. 5600. Each.....\$2.00 6 for.....\$10.80
Dozen 18.00

"WISS CLIPPER"



No. 700. Each.....\$1.60 6 for.....\$ 8.40
Dozen 14.00

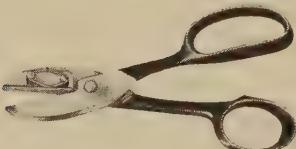
GRASS SHEARS
"Quick Trim"—Wiss

No. 801. Each.....\$1.25 6 for.....\$ 6.75
Dozen 11.20

FLOWER CUTTER-HOLDER (WISS). Reaches, cuts and holds out-of-reach flowers. Made of aluminum . . . weighs just 5 ounces . . . 18-inch length allows good reach.

No. FH-3. Each.....\$2.75 6 for.....\$14.10
Dozen 23.60

FLOWER PICKER SHEARS



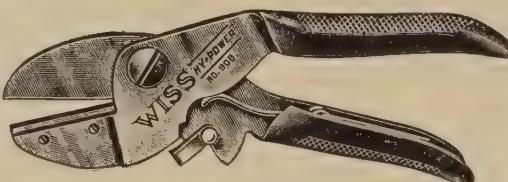
A perfect flower shear—snips and grips in one easy scissors cut, without damaging the stem. 6½ inches long.

No. 711. Each.....\$1.35 6 for.....\$ 6.60
Dozen 11.92

LOPPING SHEARS—
Corona-Hawley

Cutting blade hollow ground of finest steel. Has exclusive new spring guard to reduce cutting shock. Handles of selected No. 1 Hickory. 26 inches overall.
No. 26-T. Each.....\$5.50 3 for.....\$15.00

HY-POWER PRUNER—Wiss



Specially constructed with a very high ratio leverage—it will cut through tough stems, hard branches, etc.

No. 908. 8 inches overall.
Each.....\$2.25 6 for.....\$12.00
Dozen 20.00

No. 906-B. 6 inches overall.
Each.....\$1.70 6 for.....\$ 9.00
Dozen 15.60

ELECTRIC HEDGE TRIMMER

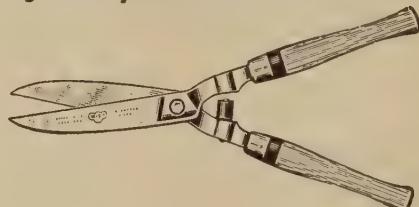


"Pincor"

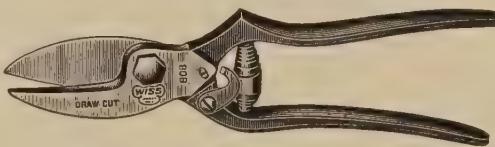
Makes trimming of hedges and shrubbery easy. Complete with 3-foot rubber covered cord, extra handle and Hi-cut adapter. AC or DC current. Price \$34.50

HEDGE SHEARS—Wiss

English Style with Shock Absorber



DRAW-CUT PRUNER—Wiss



Solid scissor blade steel. Volute spring. Gunmetal handles, polished blade.

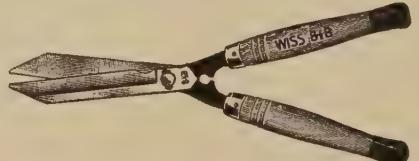
New idea in pruning shear construction; will outcut any pruning shear of its size. Gives increased leverage.
8 inches overall. Weight ¾ lb.

No. 808. Each.....\$3.75 6 for.....\$19.50
Dozen 32.00

Finest of hedge shears; the choice of professional gardeners. Light in weight, blades are tapered to provide superb balance. New patented shock absorber takes the jolt out of hedge cutting and reduces arm fatigue. Blades highly polished, hollow ground, with special notch for heavy branches.

Length of Blade	Each	½ doz.
No. 8½E.....	8½"	\$4.35
No. 9½E.....	9½"	4.50

Regular Pattern



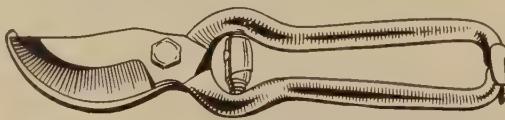
ROSE PRUNER—Wiss



Finest steel. Light, but strong. 6 inches overall.

No. 607-R. Each.....\$1.75 6 for.....\$ 9.00
Dozen 16.00

S&L PRUNING SHEARS



Made of drop-forged steel, red enameled. Blade and hook heat treated and ground. Heavy construction. 9 inches overall.

Each.....\$1.75 6 for.....\$ 9.00
Dozen 16.00

Well balanced, expertly designed quality construction throughout. Drop forged blades, hollow ground, full polished. Notch for heavy branches.

Length of Blade	Each	½ doz.
No. 8½B.....	8½"	\$3.15
No. 9½B.....	9½"	3.60

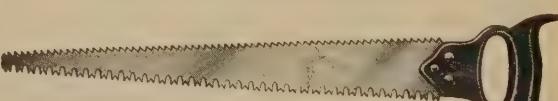
POLE SAW—Disston



14-inch blade. Without poles.
Each

\$3.50

PRUNING SAW



Duplex Pruner—Double Edge—Wt. 1 lb.
Each

\$2.25

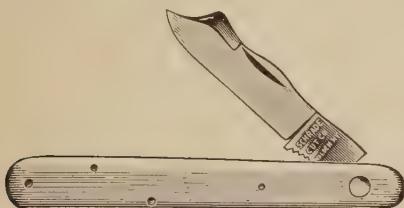
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

KNIVES, SHARPENERS AND TRIMMERS

KNIVES

Finest grade American-made folding knives of razor steel, brass-lined.

Budding



No. 181. Single budding blade. Finest quality, hand forged.
Each \$3.00 6 for \$16.00
Dozen 26.00

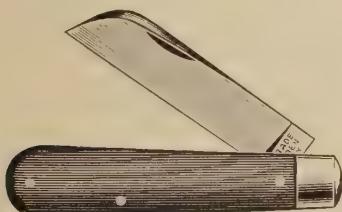


No. 144-F. Single budding blade. An inexpensive knife, machine forged.
Each \$1.15 6 for \$ 5.70
Dozen 10.00

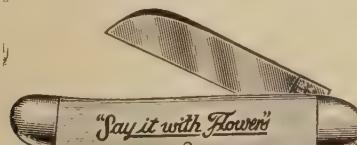
Grafting



No. 182. Single grafting blade. Finest quality, hand forged.
Each \$2.50 6 for \$14.00
Dozen 22.00

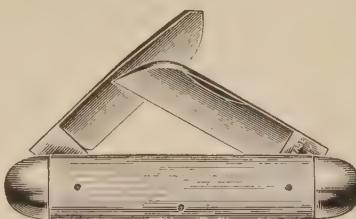


No. 175. Single grafting blade. Good quality, machine forged. Cocobola wood handle.
Each \$1.50 6 for \$ 8.00
Dozen 14.00



No. 142-F. Single grafting blade. An inexpensive knife, machine forged.
Each \$1.15 6 for \$ 5.70
Dozen 10.00

Two-Bladed



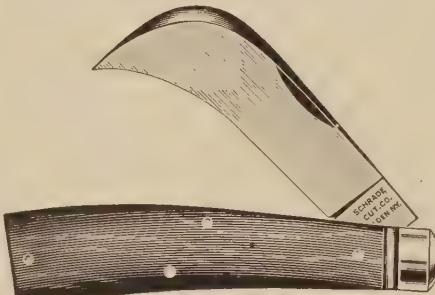
No. 716. Grafting blade and budding blade. Finest quality, hand forged. White handle.
Each \$2.75 6 for \$15.00
Dozen 24.00

Utility



No. 196. White handle, single blade, ring for chain. Finest quality hand forged.
Each \$2.00 6 for \$11.00
Dozen 18.00

NURSERY PRUNING KNIFE



No. 186. Heavy hooked blade, 4 7/8" long. Hardwood handle, steel bolsters.
Each \$2.00 6 for \$11.00
Dozen 18.00

COMBINATION STONE "Carborundum"



No. 109. One side coarse grit. The other fine grit for giving the finished keen edge. 6" x 2" x 1".
Each \$1.75

GARDEN AND HOME SHARPENING STONE



No. 46. Has red wooden handle. For sharpening lawn mower knives, Garden Tools, Household Knives and many other edge tools.
Each 85c

"O.K." TRIMMING EQUIPMENT

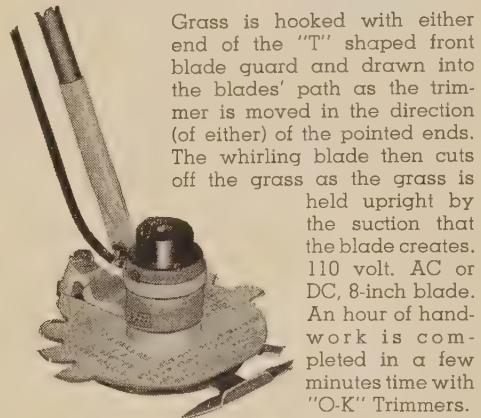
ELECTRIC HEDGE TRIMMER



Hedge trimming is easy and inexpensive with "O-K" Trimmers. The light weight, vibrationless motion and fast cutting provide professional results. Hedge branches fit into slots of the trimmer plate and are held rigidly as blade cuts. The great speed of the blade provides fast, clean cutting rather than tearing or chewing, which in turn produces healthier hedge bushes. 110 volt. A.C. or D.C.

O.K. Hedge Trimmer. Heavy Duty Model. Each \$24.50

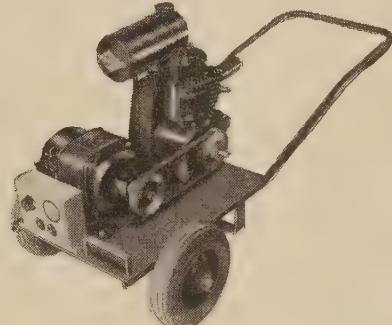
ELECTRIC GRASS TRIMMER



Grass is hooked with either end of the "T" shaped front blade guard and drawn into the blades' path as the trimmer is moved in the direction (of either) of the pointed ends. The whirling blade then cuts off the grass as the grass is held upright by the suction that the blade creates. 110 volt. AC or DC, 8-inch blade. An hour of hand-work is completed in a few minutes time with "O-K" Trimmers.

O.K. Grass Trimmer \$32.00

PORTABLE POWER PLANT



A Power Plant un-matched for simplicity and reliability which is sturdily constructed to give years of service. The Power Plant, which operates 1, 2, or 3 OK Trimmers at one time, has a speed of only 1750 RPM that means long life.

Can also be used for other electric tools, or as a lighting plant. Produces 110 volts. Briggs and Stratton engine, with rheostat and voltmeter.
O.K. Portable Power Plant \$200.50
Extra 75-ft cord with connections 6.50
Send for Detailed Circular on O.K. Products.

GARDEN TOOLS

GARDEX**"Soil-Flow" Tools****BOW RAKE**

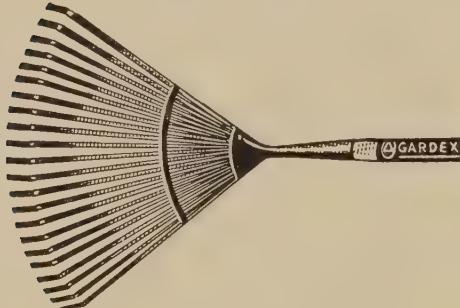
Carbon steel. 5 foot handle.

No. 250-14. 14 tine.	6 for.....	\$6.80
Each.....	\$1.60	
No. 250-16. 16 tine.	6 for.....	\$7.40
Each.....	\$1.70	

CURVED TOOTH RAKE

5 ft. handle.

No. 251-14. 14 tine.	6 for.....	\$6.40
Each.....	\$1.45	
No. 251-16. 16 tine.	6 for.....	

LAWN SWEEP

3½ ft. handle.

No. 403. Each.....	\$1.25	6 for.....	\$5.40
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**SMALL CULTIVATOR**

For loosening and air-conditioning the soil.

No. 1503. Each.....	\$1.20	6 for.....	\$5.20
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**DIAMOND POINT CULTIVATOR**

Patented Diamond Point Shares. Penetrates soil much easier than old types. 4½ ft. handle.

No. 1553. Each.....	\$1.75	6 for.....	\$7.40
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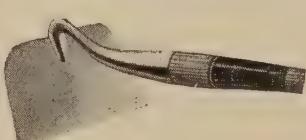
CULTIVATOR WITH WEEDE

Cultivate and weed with one tool! Three-prong Cultivator loosens soil thoroughly, while the weeding blade cuts off all weeds quickly. Light and handy. A favorite with every gardener.

Complete with 4 ft. handle.

3 Prongs, 4½" wide, blade 4" wide.

No. 1523. Each.....	\$1.50	6 for.....	\$6.40
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GARDEN AND FIELD HOE

Sharpened blade, half polished, of high carbon steel. 6½ inch blade 4 foot handle.

No. 906. Each.....	95c	6 for.....	\$4.20
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QUALITY FIELD HOE

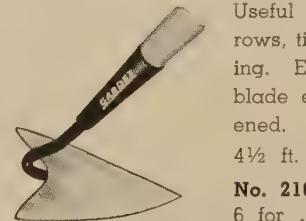
Sharpened blade, half polished, of high carbon steel. 6½ inch blade 4 foot handle.

No. 9007. Each.....	\$1.30	6 for.....	5.60
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NURSERYMAN'S HOE

Sharpened on three sides, 7 inch blade. 4½ foot handle.

No. 9027. Each.....	\$1.30	6 for.....	\$5.60
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WARREN HOE

Useful for making furrows, tilling and weeding. Ears, point and blade edge are sharpened.

4½ ft. handle.	
No. 2105. Each.....	\$1.60

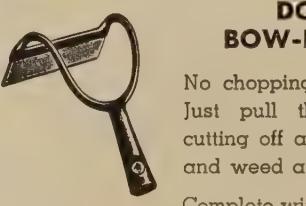
6 for.....	7.00
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SINGLE BOW-PULL HOE

Blade 7" wide.

No. 1217. 4½ ft. handle.	
Each.....	\$1.40

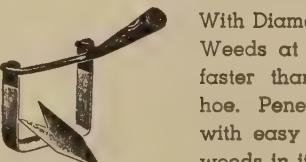
6 for.....	6.00
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DOUBLE BOW-PULL HOE

No chopping with this tool. Just pull through ground, cutting off all weeds, mulch and weed at the same time.

Complete with 4½ ft. handle.

No. 1207. Each.....	\$1.40	6 for.....	\$6.00
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PULL HOE WEEDE

With Diamond Point Share. Weeds at least five times faster than old chopping hoe. Penetrates any soil with easy pull, cutting all weeds in its path.

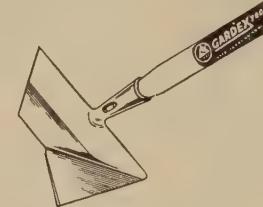
Complete with 4½ ft. handle.

No. 1105. Each.....	\$1.75	6 for.....	\$7.40
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No. 1108—With 2 shares.	
Each.....	\$2.20

6 for.....	\$9.40
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PRICES SUBJECT TO CHANGE WITHOUT NOTICE

**TURF EDGER**

Cuts vertically and horizontally, or V-shaped groove, cleanly and speedily.

4½ ft. handle.	
No. 400. Each.....	\$2.10

**WHEEL LAWN EDGER**

"Gardex"

Hardwood roller with 6-inch steel blade, 4 ft. handle.

No. 401. Each.....	\$2.25	6 for.....	\$10.00
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**SIDEWALK SCRAPER**

High carbon steel, sharpened edge, 7 inches wide, 4 ft. handle.

No. 5-4H. Each.....		\$1.00
6 for.....		4.40

GARDEX SEEDER

Has adjustable hopper, sows seeds from the smallest flower seeds up to cucumber size in the home garden, flower garden, greenhouse. Rolled through the marked-out seed row without pressure, it cannot clog up. It drops seeds quickly, evenly and economically. You do not have to bend down. 30" handle.

No. 270. Each.....	\$1.40	6 for.....	\$6.00
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SEED SOWER—"Cyclone"

Very popular and extensively used.

It is guaranteed to sow perfectly even all varieties of farm seeds such as clover, alfalfa, oats, rye, wheat, lawn grass, etc., and can be regulated any amount per acre. The bag holds about ½ bushel of seed. It is easily operated. Wt. 4 lbs.

Each.....	\$3.50	6 for.....	\$15.00
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**GRASS HOOK—Scythe Type**

Each.....	\$0.90	6 for.....	\$4.20
Dozen	8.00		

GARDEN TOOLS AND SOIL SHREDDERS

SPADING FORK



Heavy angular back tines.
Each \$2.35 6 for \$10.74

SPADEF—Standard



Quality steel blade, 7 1/4 x 12 in.
Each \$2.25 6 for \$12.00

SPADES—Nursery and Tree



Alloy steel blade. Heavy steel strap runs two-thirds length of handle (15 inches). Steel D-handle.
SQUARE POINT. Each \$4.25
DIAMOND POINT. Each \$4.40



TREE DIGGER (Full length straps). Each \$5.50

ROUND POINT SHOVELS



Split D-handle, 28 inches long.
Each \$2.25



LONG handle, 4 1/2 ft. long.
Each \$2.35

SOIL SHOVEL Greenhouse Special



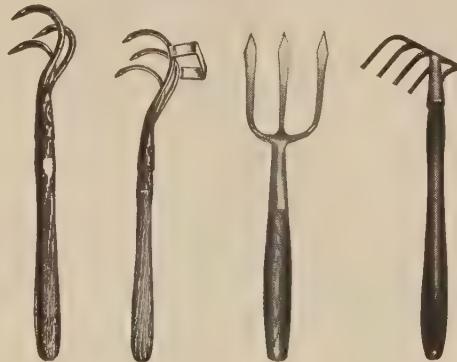
Square point blade, 9 3/4 in. x 12 in. Size 2.
Each \$2.35

WEED OR ASPARAGUS KNIVES



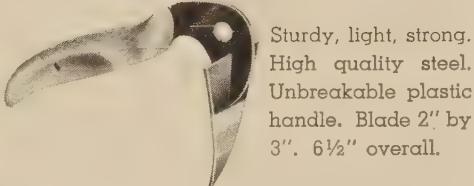
No. 706. 15" overall—Weight 1/2 lb.
Each 45c 6 for \$2.00
No. 431. 45" overall—Weight 1 lb.
Each 60c 6 for \$2.60

GARDEX MIDGET TOOLS



	Each	6 for
No. 713. Cultivator	35c	\$1.60
No. 714. Culti-Weeder	45c	2.00
No. 703. Fork	35c	1.60
No. 715. Rake	45c	2.00

"WEED BIRD" CULTIVATOR



No. WB8. Each 65c 6 for \$3.00

FLORIST TROWEL



High carbon steel blade. Half polished, round point, sharpened. Shank forged onto blade.
No. 740. Each 55c 6 for \$2.50
Dozen 4.80

TRANSPLANTING TROWEL



No. 741. Each 55c 6 for \$2.40

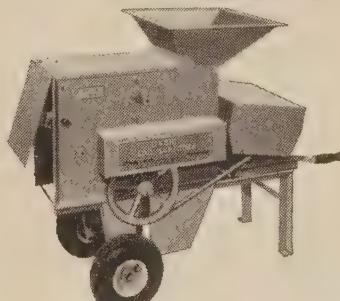
ALUMINUM HAND TOOLS



Streamlined, cast aluminum garden tools. Set consists of large trowel, small transplanting trowel, and cultivator—bulb planter. Very light, yet strong as steel. All one piece. Highly polished. Set of 3.
Each \$3.50 6 for \$15.80
Natural finished tools separately.
Each 48c Dozen \$4.24

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SOIL SHREDDERS THE NEW IMPROVED LINDIG



The new Model B Lindig Soil Shredder is equipped with a newly developed ACTIONIZED shredding blade, made of a special steel to resist the most severe wear. Each shredding blade is free swinging.

The stationary blades are individually mounted with a spring on each blade. This feature allows only the required opening to be made for a non-crushable object to pass through the shredder, and is found only in the Lindig patented soil shredder.

The new Model B shreds faster and more uniformly all soils, peat, manure, compost piles, leaf mold, sphagnum moss, shingle tow, and sods.

The new Model B Shredder is the product of several years' actual testing in the field and is the finest shredder to be found on the market today.

All models are 36" high and 44" overall. Steel wheels. Send for descriptive circular.

Model No. 1B-4. Feeder hopper size, 16 x 18 in. beater drum, 8 1/2 in. wide, with four rows of teeth. Without motor \$130.00

Model No. 1B-6. Same as Model No. 1A, except that beater drum has six rows of teeth. Designed for extra fine shredding. Without motor \$135.00

Model No. 2B-6. Feeder hopper size, 16 x 20 in. Beater drum, 19 1/2 in. wide, with six rows of teeth. Without motor \$160.00

Model No. 2B-8. Same as Model No. 2-A, except beater drum has eight rows of teeth. Designed for extra fine shredding. Without motor \$175.00

Electric Motor. 3/4 h.p., for use with models 1B-4, 1B-6, or 2B-6. Each \$50.00
1 h.p. For use with Models 2B-6 or 2B-8. Each \$62.50

Gasoline Engine. 1 1/2 h.p., for use with all models. Each \$70.00

Rubber Tires. For use with all models. Per set \$18.50

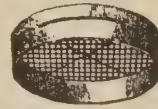
Screening Attachment. For use with all models. Designed to remove rocks, sticks, roots, and other undesirable material from the shredded soil.

For Models No. 1B-4 and 1B-6 \$50.00

For Models No. 2B-6 and 2B-8 60.00

SIEVES

For handshifting soil, gravel, etc. 18" diameter, about 5" deep. Meshes available 2, 4, 6 or 8 holes to the inch.



Each \$2.15

GARDEX

DIBBLE

No. 751

Each \$1.00
6 for \$4.40

GARDEX BULB PLANTER

Similar to Dibble, above, but with hollow point and shaft.

No. 750. Each 90c 6 for \$4.00

MOTO-MOWER—Best Known Name in Power Lawn Mowers for 30 Years



Lawn Ace 18"

Simple, compact, durable; a lighter lower-priced mower built in accordance with Moto-Mower's highest standards of quality and design.

Reel 6" diameter; has 5 crucible steel blades; Timken roller bearings. Cutting height $\frac{3}{4}$ " to $1\frac{3}{4}$ ".

"V" belt and chain drive; lever control from handlebar.

Briggs and Stratton engine, $\frac{3}{4}$ " to 1 h.p. Net wt., 105 lbs.

Price \$97.50
Grass Catcher 4.25



The Moto-Boy 20"

A lawn mower built to fill the needs of the home owner of average means. Sturdy, dependable construction.

Reel 6" diameter; has five crucible steel blades; Timken roller bearings. Cutting height $\frac{3}{4}$ " to $1\frac{3}{4}$ ".

"V" belt and chain drive; large sheaves, reducing engine speed to mower, enabling operating at slow walking speed. Lever control from handlebar.

Briggs and Stratton engine, 1 to $1\frac{1}{2}$ h.p. Net wt., 115 lbs.

Price \$119.50
Grass Catcher. Extra..... 4.75

For Larger Sizes, Send for Circular

Power Cut 17 $\frac{1}{2}$ "



The ideal power mower for small lawns. Lightweight.

Reel 6" diameter, 5 crucible steel blades mounted on self-adjusting ball bearings. Cutting height $\frac{3}{4}$ " to $1\frac{1}{2}$ ".

"V" belt and chain drive; lever control from handlebar.

Clinton engine, $\frac{3}{4}$ to 1 h.p. Net wt., 80 lbs.

Price \$79.95
Grass Catcher 4.25

The Scout 22"



Built of steel and sturdy castings throughout; heavy side frames; long "wheelbase"; 3 large wood rollers. Reel 6" diameter; has five crucible steel blades; Timken roller bearings. Cutting height $\frac{3}{4}$ " to $1\frac{3}{4}$ ".

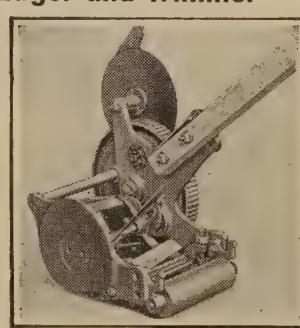
Double "V" belt and chain drive; large sheaves reducing engine speed to mower, enabling operating at slow walking speed. Lever control from handlebar.

Briggs and Stratton engine, $1\frac{1}{2}$ to $1\frac{3}{4}$ h.p. Net wt., 125 lbs.

Price \$143.50
Grass Catcher. Extra..... 5.00

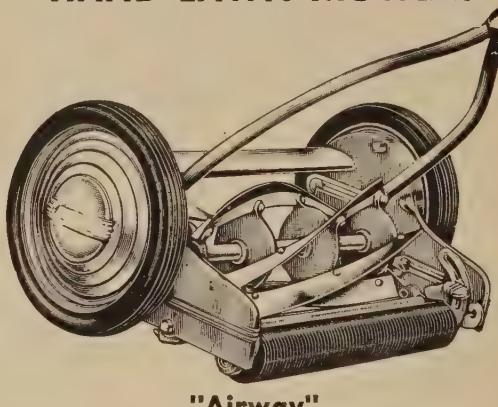
Master Edger and Trimmer

A combined lawn trimmer, lawn edger and finisher. Cuts close to walls, fences, monuments, etc. Trims around sidewalks, flower beds, etc. Width, 6". Each .. \$15.75



PRICES SUBJECT TO CHANGE WITHOUT NOTICE

HAND LAWN MOWERS

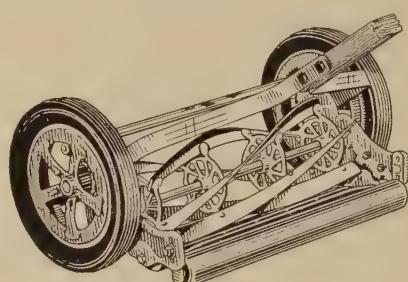


"Airway"

The new Streamlined Airway is the answer to the increasing demand for a light weight Lawn Mower. It has all the worthwhile features you want—modern design—rubber tires—self-adjusting reel bearings—metal handle—quiet operation—ball-bearing drive wheels—ball-bearing roller brackets and many others. Lift it—try it on your own lawn—its ease of operation will amaze you. Wheels, side plates and cutter bar are DIE CAST from aluminum alloy. Five blades.

16-inch. Each \$27.30
18-inch. Each 29.05

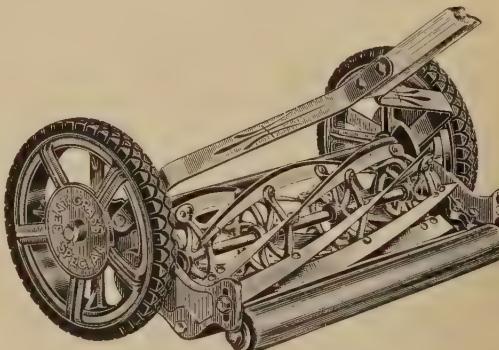
"Royal"



The Royal brings to the low-priced field a rubber-tired mower of exceptional quality. Full size driving gear permitting a high speed reel so essential to smooth cutting. Shock-proof frame. Five self-sharpening blades.

16-inch. Each \$17.50

Bent Mower



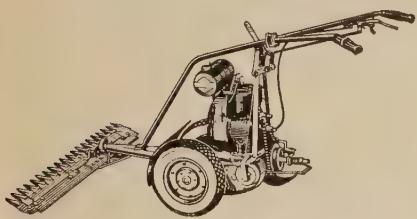
"Cricket Special"

The CRICKET SPECIAL is built expressly for Bent Grass Lawns, Tennis Courts and Putting Greens. It is a light weight and light draft, close cutting mower of high frequency. SEVEN special alloy tool steel blades.

16-inch. Each \$22.75
18-inch. Each 25.55

America's Leading Supply House

SICKLE BAR MOWER

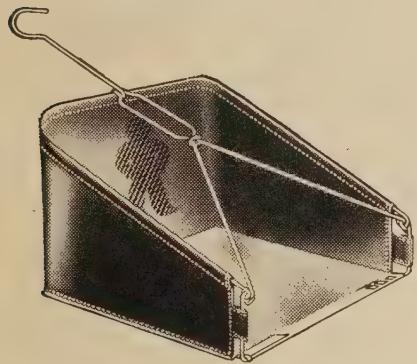


Finest mower of its type. Handles easily over stony and rough ground, among trees and shrubbery.

Separate clutches for operating cutting knives and for operating the traction wheels, 38" cut, speed 1 to 4 m.p.h. Gear and chain drive, pneumatic tires, 1½ h.p. Briggs and Stratton engine. Wt. 150 lbs.

Model 7. Each.....\$195.00
Snow Plow Attachment. Each.....35.00

GRASS CATCHER



Square back, heavy duck sides; heavy wire frame, aluminum bottom. With carrying handle. Has exclusive built-in, instant attaching spring hooks; holds firmly in place on mower. Fits all hand mowers from 12" through 18" widths.

Each.....\$1.75 6 for.....\$7.96

CULTIVATOR—3 in 1



Weeder—Cultivator—Mulcher

Revolving reel blades, working in combination with a stationary knife, destroy the weeds, pulverize the clods, mulch and level the soil all in one operation. When deeper cultivation is desired, the cultivator teeth can be used by simply turning the tool over.

Complete (Model R-100). Each.....\$7.00

LAWN MOWER SHARPENER

Adjustable to all types and makes of lawnmowers. Simple and easy to use. High quality. Abrasive may be renewed or removed and cleaned in gasoline or soap and water.

Each.....\$1.25 Dozen.....\$11.35

"THE COMPLETE GARDENER"

Combination includes Hill and Drill Seeder, Single Wheel Hoe Cultivator and Plow.

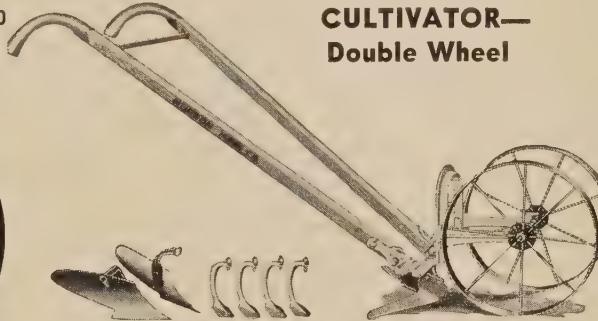


It can be very easily and quickly changed from one to the other as you choose. Hopper capacity—2 quarts. Shipping weight—approximately 52 lbs.

Complete (Model 635-D). Each.....\$22.50
Hill and Drill Seeder only. Same as above, less Plows and Cultivators. Weight 38 lbs.

Complete (Model 625). Each.....\$19.90

CULTIVATOR— Double Wheel



The double wheel design gives maximum clearance with open arch frame. Great strength and rigidity.

Complete (Model 630-D). Each.....\$11.80

AMERICA'S FINEST TILLAGE TOOLS • • • GUARANTEED PERFORMANCE!

- Tillage and Cultivation Rotary Tillers from \$224 to \$648 F.O.B. South Milwaukee.
- Models in 12", 16", and 26" widths.
- Attachments include Sickle Bar, Lawn Mower, Hiller, Furrower, Seeder, Bulldozer Blade, Rotary Snowplow, Sulky, Sprayer, and Hoe Type Cultivation Tines.



Model G-26
Price \$572.00



Model JR-12. Price \$224.00

- Write to Dept. AF for Detailed Information on All Models and Attachments.



ROTARY TILLERS

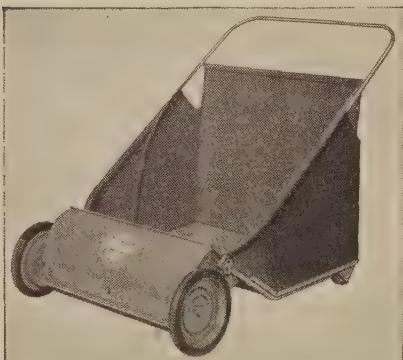
REBUILDS SOIL — NATURE'S WAY

Milwaukee Equipment Mfg. Co., So. Milwaukee, Wis., U. S. A.

AMERICAN FLORIST SUPPLY CO.—Distributors to the Florist Trade.

LAWN EQUIPMENT AND WHEELBARROWS

LAWN SWEEPERS—"Parker"



For better parks, institutions, cemeteries, golf courses, estates, or any other place where beauty of grass is desired.

The brushes are made of tough, durable, Bassine Fibre, which is not affected by water. All with rubber tires. Brushes may be adjusted for close or light sweeping.

Model	Width	Weight	Price
"Yardgroom"	20"	35 lbs.	\$34.50
"Springfield"	28"	48 lbs.	44.50

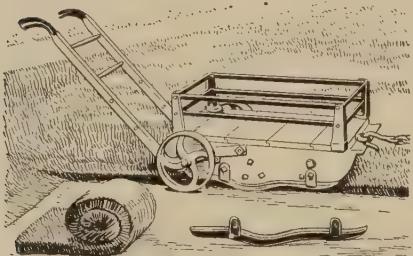
POWER LAWN SWEEPERS

For the utmost in labor saving Parker offers the two power models listed below. Equipped with heavy duty pneumatic tires they will not cut or mar the finest lawns. 4 cycle gasoline engine. Hopper is removable, with a capacity of 10 to 12 bushels.

28-inch. $\frac{3}{4}$ h.p.	.....	\$145.00
36-inch. $1\frac{1}{2}$ h.p.	.....	235.00

Larger sizes and Trailer Models also available.

SOD CUTTER—"Richmond"



The Richmond Sod Cutter is simple to operate. It cuts a strip of sod 14 inches wide of uniform thickness. Made for horse or tractor power only.

Hardwood Frame—Vanadium Steel Knives. Easily adjusted for cutting sod from 1" to $2\frac{1}{2}$ " thick.

Complete \$72.50

F.O.B. Richmond, Ind.

Weight approximately 100 lbs.

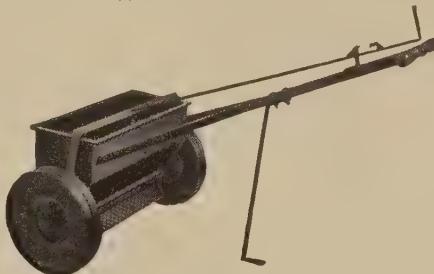
SOD LIFTER



Each \$4.25

FERTILIZER AND SEED DISTRIBUTORS—Masters

Gives even distribution of commercial fertilizers, grass seed or top dressing. Has shut-off control on handle.



Heavy duty. Large, strong, steel disc wheels. Rubber-tired.

Model	Width	Capacity	Each	3 for
M-241-D	24 in.	65-75 lbs.	\$27.50	\$70.00
M-361-D	36 in.	100-120 lbs.	35.00	88.00

HOME LAWN DISTRIBUTOR — Rubber-tired. Tubular steel handles.

Model	Width	Capacity	Each	3 for
25-D	18 in.	20 lbs.	\$ 6.50	\$15.50
30	18 in.	50 lbs.	8.75	21.50

MARTIN GREENHOUSE BARROWS
For Manure and Soil

Narrow width, very deep tray barrows with rubber-tired or steel wheels. Tray size: 15" wide, 39" long, 19" deep at deepest point. With steel wheels. Each \$23.75
With rubber-tired wheels. Each 34.50

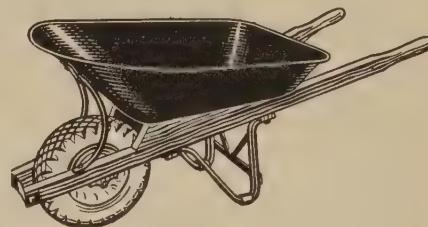
RUBBER-TIRED WHEEL

Equip your wheelbarrow with these time-saving ball-bearing wheels with rubber tires. Sturdy cast metal wheels and low-pressure rubber tires, 16x4 in., with inner tubes. Maximum load, 450 lbs. Hub length 6 in. Axle diam. $\frac{5}{8}$ in.

Each \$11.95



WHEELBARROW—Steel



Built for heavy work and constant use. Steel tray, 35x30 in. Capacity 4 cu. ft. Ball-bearing wheel with rubber tire. Hardwood handles.

Each \$23.75

GREENHOUSE WHEELBARROW



Sturdy wood barrow with removable sides. Narrow width for greenhouse aisles and walks. 19 inches wide at widest point. Ball-bearing wheels with pneumatic rubber tires.

Each \$24.75

HANDI-CART—Masters



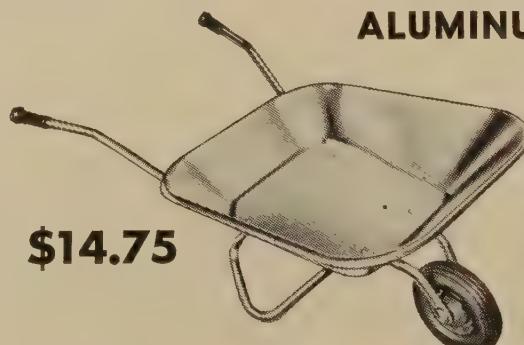
For greater convenience around the home, garden or nursery. Rubber tired.

No. 18-S. Standard. Capacity 3 cu. ft. Each \$8.50 3 for \$17.90

No. 20-D. De Luxe. Capacity 3 $\frac{1}{2}$ cu. ft. Each \$12.50 3 for \$27.90

ALUMINUM WHEELBARROW

Weighs Only 21 lbs.
Rubber-Tired



\$14.75

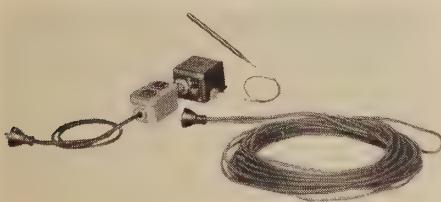
The rust-free tray measures 27 in. x 34 in., 9 in. deep, with heavy rolled edging.

The frames are 1-inch tubular steel, finished in bright zinc plate which has a long-lasting finish.

The wheels are of heavy steel, ribbed for maximum strength with oversized roller bearings. The puncture-proof semi-pneumatic tires are 2.75 in. x 10 in.

SOIL EQUIPMENT, GLASS SUBSTITUTES, ETC.

SOIL HEATING EQUIPMENT "General Electric"



General Electric—the very best in Soil Heating equipment. Sturdy lead-covered cable and heavy duty thermostats, built to last.

This flexible heating cable can be used in hot-bed, cold frame or greenhouse bench. By applying "bottom heat" it provides positive control and faster stimulation of growth. Soil can be maintained at 15° to 20° F. above general house temperature.

One 60-ft. cable (110 volt, 400 watt) heats 36 sq. ft. of bench area.

One 120-ft. cable (220 volt, 800 watt) heats 72 sq. ft. of bench area.

Thermostat Model A is a simplified type and will control one or two 60-ft. cables.

Thermostat assembly Model B includes a duplex receptacle and 3 ft. of all-rubber cord. It controls up to four 60-ft. or 120-ft. cables.

Set No. 0 (Model A Thermostat and one

60-ft. cable) \$18.25

Set No. 1 (Model B Thermostat assembly and one 60-ft. cable) 28.20

Set. No. 2 (Model B Thermostat assembly and one 120-ft. cable) 38.20

Extra 60-ft. cable 10.75

Extra 120-ft. cable 20.75

Thermostat Model A only 7.50

Thermostat Model Assembly
Model B only 17.45

SOIL STERILIZING UNIT Electric

Essential electrical equipment for installing ½-cubic yard soil sterilizer. Unit consists of four heaters and includes mounting straps, studs, nuts, and washers.

Complete. Each \$110.00

Renewal Heater Section 29.00

Send for descriptive pamphlet.

RUST PREVENTIVE "Carter's"

For rustproofing pipes, boilers, stacks and all iron or steel work around the greenhouse. A liquid paragum coating that protects both old and new equipment against rust and corrosion with one application, and at the same time beautifies it with its smooth, colorful enamel finish.

Carter's Rust Preventive will withstand temperatures of 500° to 550° F. and expands and contracts with the metal without cracking, peeling or chipping. Will cover 450 to 550 sq. ft. of surface to the gallon. Available in black, clear, white or aluminum.

Black. Per gallon \$3.95

5 gals., per gallon 3.90

20 gals., per gallon 3.80

60 gals., per gallon 3.70

White or clear. Per gallon 5.25

5 gals., per gallon 5.20

20 gals., per gallon 5.10

60 gals., per gallon 4.95

Aluminum. Per gallon 5.95

5 gals., per gallon 5.90

GLASS SUBSTITUTES

These are excellent substitutes for glass and can be used in many ways by the florist: For greenhouse partitions, hot bed covers, covering outside beds, etc.

All the materials must pass durability tests. In hot Southern climates, however, it has been our experience, that SCREEN-GLASS is the only material that can be wholeheartedly recommended since it will not break down under the heat and will continue to transmit the sun's rays necessary to plant growth.

Screen-Glass

Wire screen cloth imbedded in clear, waterproof plastic which transmits the ultra-violet rays. Lets in heat better than glass. 36" wide.

50-ft roll \$18.90

100-ft roll 36.00

Vitapane

Crystal clear material with cross-cord reinforcement. Admits over 60 percent ULTRAVIOLET RAYS. Has many uses in greenhouses, cold frames, as plant protectors, etc. 36" wide.

50-ft. roll. Each \$ 7.75

150-ft. roll. Each 22.50

Wyr-O-Glass

Tough, galvanized ¼-inch wire mesh covered with plastic glass. Very strong and transparent. Extra high in ultra-violet transmission. 36" wide. 10-yard roll \$ 7.85

25-yard roll 18.25

Glass-O-Net

Strong, waterproof cords made into a ¼" mesh and covered with plastic glass bound together with a tough waterproof composition, into a solid sheet, reinforced by the netting. 36" wide.

10-yard roll \$ 5.35

25-yard roll 12.95

Plastiglass

Made by laminating two sheets of clear, resilient, weatherproof plastic over a tough, transparent plastic cord base of exceptional strength. Its slight elasticity makes it stay tight and neat when fastened in place. 36 in. wide.

10-yard roll \$ 6.85

25-yard roll 16.80

Flex-O-Glass

A finely woven cloth, every fibre of which is impregnated with a solution of high melting point, waterproof wax composition. Semi-transparent, it is the leading window material. 36" wide.

25-yard roll \$10.00

Window-Fabric

Similar to Flex-O-Glass but not as highly impregnated and not quite so transparent. 36" wide.

25-yard roll \$7.35

Samples and description sent on request.

GLASWIK

Self-watering wicks for plants—seeds—cuttings.

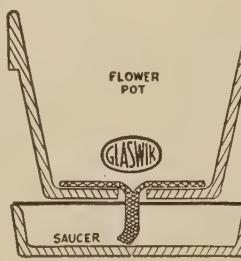
Satisfy your thirsty plants with the least effort and most efficiency.

Water them from below (sub-irrigation), the easy way, with the new non-corroding GLASWIK, made from pure spun glass. ¾" diameter.

Per ft. 25c

25 ft. \$4.00

100 ft. 12.00



PRICES SUBJECT TO CHANGE WITHOUT NOTICE

COSMATA Friction Cream Soap



Sold regularly for \$1.00
Large jar

Now specially priced to
retail for 59c

FOR RESALE

Case of 12 jars \$4.72

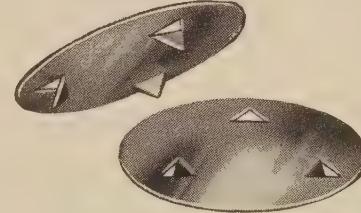
COSMATA is a revolutionary new soap that brings new joy to hard-working hands. It's the answer to a florist's and gardener's prayer for a soap that cleans quickly, completely, safely. Yes! COSMATA does all three and much more . . . it gets the deep-down dirt, grime, and grease OUT as well as OFF . . . erases stains of vegetables, plant sprays, oil paint and ink . . . banishes unpleasant odors . . . removes as much as 85% of germs and bacteria from the skin.

FLORALIFE HAND CLEANER

Cleans hands instantly without water. A cream that liquifies on the skin and gently removes dirt, grease and dye stains. Just rub on and wipe off. (List, 35c)

3-oz. tube 25c Case of 24 \$5.04

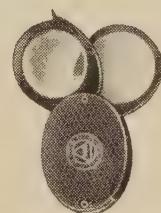
EVERGRO POT DRAINS



Saves labor, time and money when potting. Prevents drain from clogging. Will not shift. Fits 3½" to 12" pots.

500 \$ 6.00 1,000 \$ 10.00
5,000 45.00 10,000 85.00
25,000 187.50

MAGNIFIER—Two Lens



Gives choice of 3 magnifications. First lens 5 times, second lens 7 times and in combination 10 times.

Price. Each \$2.60

ORCHID PEAT

Yellow Osmundine Fibres.

Very finest quality, used by practically all of the large Orchid Growers in the country.

Approx. Weight Yellow
Medium bales 50 lbs. \$13.50
Large bales 65 lbs. 15.00

F. O. B. Producer—Florida.

PEARL CHIPS

	White	Colored
500 lbs.	\$17.00	\$17.50
100 lbs.	3.65	3.75
50 lbs.	2.25	2.50
25 lbs.	1.50	1.75
Less than 25 lbs. Per lb.	7c	8c

STAKES AND WIRE

CANE STAKES—Pencil Thickness

Finest quality solid rattan bamboo cane stakes. Florists, nurserymen, and dealers have accepted these as the finest cane stakes they have seen. Thoroughly fumigated before entering this country. Dyed green with Du Pont dye. Imported by the carload to insure our having stock on hand of all sizes to serve your needs at all times.

	Per 1000	Per Bale
1 1/2-ft. Green	\$ 4.10	\$ 7.95
2 -ft. Green	5.40	10.60
2 1/2-ft. Green	7.00	13.80
3 -ft. Green	8.40	16.60
3 1/2-ft. Green	9.05	18.85
4 -ft. Green	11.75	23.25

2000 to the bale.

TONKIN STAKES—Bamboo

Green

Medium-Heavy Size

Length	Diameter	
3 ft.	3/8" to 1/2".	Per bale of 500.....\$ 8.00
3 1/2 ft.	3/8" to 1/2".	Per bale of 500..... 8.50
4 ft.	3/8" to 1/2".	Per bale of 500..... 9.00
5 ft.	3/8" to 1/2".	Per bale of 500..... 12.00
6 ft.	3/8" to 1/2".	Per bale of 500..... 15.00

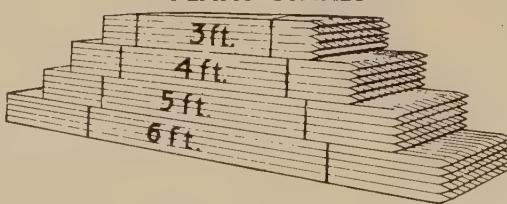
Heavy Size

Length	Diameter	
4 ft.	1/2" to 5/8".	Per bale of 500.....\$17.50
5 ft.	1/2" to 5/8".	Per bale of 500..... 24.00
6 ft.	1/2" to 5/8".	Per bale of 500..... 26.50
7 ft.	1/2" to 5/8".	Per bale of 500..... 29.75
8 ft.	1/2" to 5/8".	Per bale of 500..... 33.00

Heavier Stakes

We also can supply stakes 5/8" to 3/4" or 3/4" to 1" in diameter. Write for quotation.

PLANT STAKES



Wooden stakes for supporting Dahlias and heavy plants. Either round or square with pointed ends. Tapering, white pine painted green. Large end of the Heavy Stakes has been dipped in Gard-Rot to prevent decay.

Square Stakes	Light-weight Per 100	Heavy-weight Per 100
3-foot	\$ 5.50	\$ 9.00
4-foot	7.70	11.00
5-foot	9.90	14.00
6-foot	12.00	17.00

Round Stakes	Light-weight Per 100	Heavy-weight Per 100
3-foot	\$ 6.70	\$ 11.00
4-foot	9.50	15.00
5-foot	12.30	19.00
6-foot	15.10	23.00

F.O.B. New Hampshire

SPLIT BAMBOO STAKES

Green—Thin but Strong.

	Per 1000	Bale of 5000
12-inch	\$3.00	\$12.00
16-inch	3.50	14.00
18-inch	4.00	16.00
24-inch	6.00	24.00

HYACINTH STAKES

Pointed wood. Painted Green.

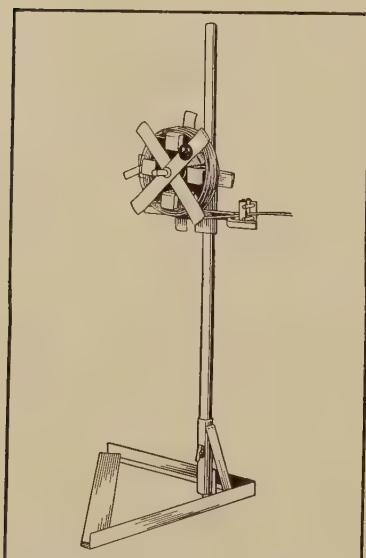
	Per 1000	Per 6000
12-inch	\$3.75	\$21.95
15-inch	4.10	23.95
18-inch	4.50	25.50

STRING-KING WIRE WINDER

MAKES YOUR TOUGHEST JOB EASY!

MAKES YOUR LONGEST JOB FAST!

This precision reel wire winder, mounted on portable stand, will more than pay for itself in one season in time and man hours saved. Stringing wire over one floral bed is reduced from more than a two-hour job to just 20 minutes! Wire is kept straight; no more unkinking as you string or unstring wire. Turns one of the most disagreeable chores into speedy routine!



Rugged steel parts of reel assembly are light-weight, precision built, easy to disassemble in seconds' time.

PORTABLE stand set at end of bench allows operator to advance length of bed with wire kept straight and true. Special spring brake insures proper unwinding of wire. Removable reel easily loaded with added wire for next row.

WIRE WINDER, complete.....

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

NO KINKS in wire keeps florist working as fast as he wishes. No more bruised fingers in straightening knots and twists as he proceeds along the bench. Wire is flat, ready to lay or tie. Reeling in, friction guide keeps wire taut—no backlash.

NEAT ROLLS of wire are assured every time for easy storage. The right size to use again and again—easily attached to disengage spool. Although readily portable, durable steel stand is built to endure years of rugged service.

\$28.50

GALVANIZED WIRE STAKES



	8 gauge	9 gauge
3-ft. Per 1000.....	\$19.95	\$16.95
4-ft. Per 1000.....	26.95	22.95
5-ft. Per 1000.....	33.90	28.75
6-ft. Per 1000.....	39.95	34.50
7-ft. Per 1000.....	46.50	39.95
8-ft. Per 1000.....	54.20	45.50

GALVANIZED BENCH WIRE

Per 100 lbs.	Per 100 lbs.
12-gauge.....\$11.50	16-gauge.....\$12.80
14-gauge.....12.00	17-gauge.....13.35
15-gauge.....12.45	18 gauge.....14.50

Minimum order, 50 lbs.

COTTON TWINE—3 or 4 Ply—White

Sack of 30 balls (5 lbs.).....	\$3.95
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STAKE FASTENERS "Everlasting"

Packed 500 to box. Wt. 2 lbs.	
1 to 9 boxes. Each.....\$1.75	
10 boxes or more. Each. 1.65	
Constructed of heavy galvanized iron wire. Can be used with either steel stakes or bamboo stakes.	

"Eureka"

Similar to above but lighter in weight. Packed 1,000 to box.

1 to 9 boxes. Each.....\$2.50

10 boxes or more. Each.....2.40



LABELS AND PACKING MATERIALS

WOOD LABELS POT LABELS

5/8" Wide



Size	Pounds Per Carton	Prices per 1000	
		PLAIN	PAINTED
4-inch	3 1/2	\$2.50	\$3.00
5-inch	4 3/4	2.80	3.30
6-inch	5 1/2	3.10	3.70
8-inch	4	4.50	5.70
10-inch	5	5.50	6.70
12-inch	6	6.50	8.00

4", 5", 6", 1000 per carton; 8", 10", 12", 500 per carton. We do not break the cartons.

GARDEN LABELS

8", 10"—7/8" wide; 12"—1 1/8" wide.

Size	Pounds Per Carton	Number Per Carton	Prices per 1000	
			Plain	Painted
8-inch	2 3/4	250	\$ 6.90	\$ 8.00
10-inch	4	250	7.90	9.00
12-inch	2	100	13.00	15.00

We do not break the cartons.

TREE LABELS—Wired



Packed 1,000 to carton. Weight, 4 lbs., 3 1/2" x 5 1/2".

We do not break the cartons.

Plain—Per 1000 \$3.10
Painted—Per 1000 3.80

LABELS—Celluloid—White

Weatherproof—Copper Wired

Packed 100 to a Box—Wt. 5 oz.

No. 515. 3" x 1/2". Per box of 100 \$1.50
No. 2740. 3" x 1/2". Per box of 250 3.65

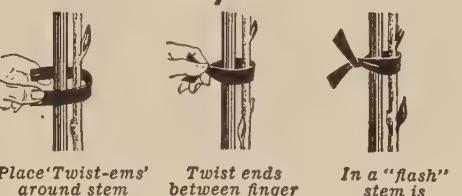
DREAM LABELS "ZINC"



A permanent zinc label that expands as the tree grows. Size 1 1/4" wide, 4" long. The acid etched name and full record of plant plainly legible for 15 years. Eliminates all chance of girdling. Ideal for roses, azaleas, trees, shrubs, etc. Makes a wonderful non-rusting label for pots and perennial beds. Each kit includes a bottle of etchant and an applicator.

Box of 50 labels \$ 1.50
Dozen boxes 12.80
Case of 1000 labels 14.95

TWISTEMS The Handy Plant Tie



	Per ctn. of 24 boxes
4-inch. Box of 200.....	.25c
8-inch. Box of 100.....	.25c
16-inch. Box of 100.....	.50c

BULK

	1,000	5,000	10,000	25,000
4-inch .....	.85c	\$ 3.95	\$ 7.60	\$18.25
8-inch	\$1.70	7.95	15.20	36.50
12-inch	2.55	11.90	22.90	54.75
16-inch	3.40	15.85	30.50	73.00

PLANT TIES—"Lightning" Wire

	1000 to the box
Per box	\$1.95
Shipping weight, per 1000, 2 lbs.	

WEATHERPROOF PENCILS

Weather proof pencil—EBERHARD FABER CO., INC.

For marking labels used outdoors. Will not rub off or fade.

Each 10c
Dozen90c Gross 9.00

SPEEDRY BRUSHPEN The New All-Purpose Marking Instrument



Instant Drying . . . Will
Not Smear . . . Water-
proof — Can Be Used
On All Surfaces: Wood,
Paper, Cellophane,
Cardboard.

Just the thing for mark-
ing wood labels or ad-
dressing shipping tags
or cartons. Choice of
nibs: Chisel, round or
square.

Model No. 5, complete
with Ink \$1.95
Extra Nibs. Each. .45c

Jumbo Brushpen

Aluminum. Oversized, it holds almost an
ounce of ink. Without ink \$3.25
Extra Nibs. Each 55c

Speedry Ink

Black, 4-oz. bottle 80c
Black, 8-oz. bottle \$1.45

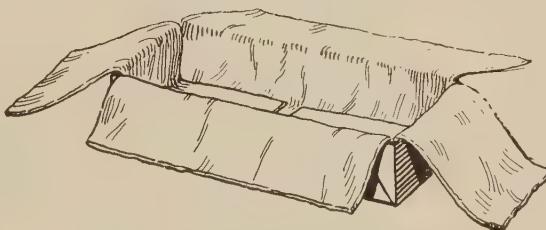
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GARDENIA BOXES

Especially made for commercial gardenia growers. Made of heavy cardboard, WELL WATERPROOFED. Standard size, 21x7x3 1/2 inches. Full telescope.

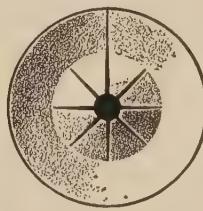
100	500	1000	5000
Prices: \$10.40	\$50.15	\$96.95	\$461.25
Printing: \$3.50 per 1000 boxes.			

COTTON SHEETING For Gardenia Boxes



Cut to fit boxes 21" x 7" x 3 1/2"—The standard size Gardenia box. One set to a box.
Per bale of 500 Sets \$29.50 10 bales \$285.00

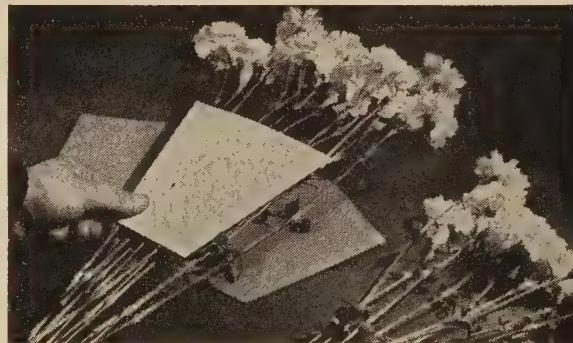
GARDENIA COLLARS



CARDBOARD
Per 100 25c
Per 1000 \$2.15

FOR BELMONT'S
Per 100 30c
Per 1000 \$2.45

CARNATION PACKS



Your Carnations deserve proper packing
Sold only in original cartons of a full 1000.
1,000 \$ 22.50 5,000 \$102.50
10,000 190.00 50,000 887.50

Printing

Printing in one color on face of holder \$3.00
per thousand extra. In amounts of 10,000 or
more, one color printing free. (Please state
clearly Name, Address, etc., to be used.)

CARNATION STAPLES

For sewing splits.
Packages of 1,000 35c
3 Packages \$1.00



TAG FASTENERS—Wire

For fastening tags to
bags, bales, etc.
Packed 1,000 to a box
Each \$1.50
Weight per box, 3 lbs.



A.F.S. Plant Bands

Grow All Your Plants, Seeds, and Cuttings This Modern Way

This modern method of culture saves time and labor, and assures the highest yield in cut flowers, potted plants, perennials, nursery stock, etc. Saves losses at transplanting time by avoiding a check to root systems. **Buy now for immediate use and for stock on hand.**

STAPLED WOOD PLANT BANDS



Sturdy plant bands made of cottonwood, securely fastened with two wire staples for quick setup.

Size in inches	Per 1000	Size in inches	Per 1000
1 1/4 x 1 1/4 x 2 1/2	\$4.00	2 1/2 x 2 1/2 x 3	\$4.50
2 x 2 x 2 1/2	4.10	3 x 3 x 3	4.90
2 x 2 x 3	4.40	3 x 3 x 4	5.20
2 1/4 x 2 1/4 x 2 1/2	4.30	4 x 4 x 3	5.20
2 1/2 x 2 1/2 x 2 1/2	4.45	4 x 4 x 4	6.00

Shipped promptly from the factory in Illinois.

BIRD Plant Bands

Vita-Band 40: Growers are reporting outstanding results in vigorous well balanced growth. Exclusive nutrient treatment affords a liberal supply of balanced plant food. Transplanting shock eliminated, saving 1 to 3 weeks' setback. Sturdy fiber resin construction maintains best moisture conditions with watering frequency cut 50%. Save space and growing time. Quick setup and rapid removal. For the longer growing periods of approximately 40 weeks.

Vita-Band 10: The new plant band that brings nutrient treatment to the low-priced plant band field for the first time. Similar to the Vita-Band 40, but designed for the shorter growing periods of 8 to 10 weeks.

"Easi-Off" WOOD PLANT BANDS



Saves time and labor. Bands are removed without cutting; therefore, the dirt ball and roots are not disturbed....

"EASI-OFF" PLANT BANDS hold nearly three times as much soil as the equivalent sizes in clay pots, allowing a longer growing time without bound roots.

Cat.	Size in inches	Weight per 1000	Per 1000
No. M-310	1 1/4 x 1 1/4 x 2 1/2	12 lbs.	\$3.75
No. M-320	2 x 2 x 2 1/2	15 lbs.	4.10
No. M-340	2 1/2 x 2 1/2 x 3	20 lbs.	4.50
No. M-350	3 x 3 x 3	21 lbs.	4.80
No. M-360	3 x 3 x 4	32 lbs.	4.95
No. M-391	4 x 4 x 4	40 lbs.	5.60

Shipped promptly from the factory in Michigan.

LIGHT WOOD FLATS

For handling and shipping all sizes of Plant Bands.

Per 100

M-370; holds twelve 1 1/4-inch Bands	\$2.95
M-390; holds twelve 2-inch Bands	3.20
M-392; holds twelve 2 1/2-inch Bands	4.20
M-393; holds six 3-inch Bands	3.90
M-394; holds six 4-inch Bands	4.80

Shipped promptly from the factory in Michigan.



Made of heavy waterproof fiber resinous material. Use with Vita-Bands. The most economical way to sell potted annuals in dozen lots. Potted plants sell easier at premium prices. Build sales and repeat business with easier-to-set-out potted plants in this neat package.

PRINTING: Bring customers back to **you** for repeat business by using Tom Thumb flats, imprinted with your name and address on 4 sides for only \$3.00 extra per thousand. Choice of orange, yellow or light green imprinting. Specify which. Printed flats must be shipped from East Walpole, Mass.

No. 1 for 1 doz. 1 1/4-in. Bands.

No. 2 for 1 doz. 2-in. Bands.

BIRD Tom Thumb FLATS

Sold in Units of 1000 only	PRICES PER THOUSAND							
	1 1/2 x 1 1/2 x 2 1/2	1 3/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4
VITA-BAND 40...	....	\$4.90	\$5.40	\$5.90	\$6.95	\$8.10	....	....
VITA-BAND 10...	\$3.00	3.35	3.65	4.15	4.75	5.65	\$7.35	\$8.95

TOM THUMB FLATS Per 1000	Combination 1000 Flats		Combination 1000 Flats		Combination 1000 Flats	
	12,000	Vita-Band 40 Per 1000 Sets	12,000	Vita-Band 10 Per 1000 Sets	12,000	Vita-Band 10 Per 1000 Sets
Size No. 1	Size No. 2	Size No. 1	Size No. 2	Size No. 1	Size No. 2	
\$35.80	\$39.85	\$88.15	\$97.70	\$71.95	\$79.80	

F.O.B. Chicago or East Walpole, Mass.

**NOTE: Quantity Discounts allowed on any items listed on this page:
50,000 or over 5%, 200,000 or over 10%.**

CONTAINERS AND POTS

IRON HORSE VASES Galvanized



Style	Top Diam.	Height	Each	Dozen
No. 57	5"	5"	65c	\$ 6.90
No. 58	5½"	6"	70c	7.50
No. 59	6½"	7"	80c	8.70
No. 65	7½"	8"	95c	9.90
No. 66	9"	10"	\$1.25	13.20
No. 67	9"	11½"	1.30	14.10
No. 68	9"	12½"	1.45	15.60
No. 68-B	9"	15½"	1.50	16.20
No. 69	9"	18"	1.65	17.70
No. 70	9"	23½"	1.95	21.90
No. 253	4¾"	10"	85c	9.30
No. 254	5½"	11"	90c	9.90
No. 255	6½"	12"	1.00	10.80
No. 256	6½"	13½"	1.10	11.70
No. 257	6½"	15"	1.25	13.20
No. 258	6½"	17"	1.30	13.90
No. 425	9"	7"	1.35	14.40
No. 426	10"	8½"	1.40	14.70
No. 430	11½"	11¾"	1.65	17.70

BIRD PAPER POTS



VITA-POTS: Grow and ship in the same pot—saves labor and leaves root ball undisturbed. Nutrient treatment, so successful in Vita-Bands, has now been applied to this sturdy resinous pot. Reduces watering.

RED POTS: For shipping only. Not recommended for growing. Lightweight and sturdily made to protect root ball from breakage—inner wax coating prevents drying out. A must to preserve the top quality of your plants in transit.

Prices per 1000

Size	Vita-Pots	Red Pots
2 -inch	\$10.30	\$ 6.85
2½-inch	10.40	6.85
2½-inch	11.00	6.90
3 -inch	12.25	7.30
3½-inch	16.10	9.65
4 -inch	18.65	11.55
5 -inch	24.80	14.15
6 -inch	31.50	17.65

F.O.B. Chicago, or East Walpole, Mass.

Vibra-Seeder

SOWS SEEDS
EVENLY, QUICKLY
AND ECONOMICALLY



A battery-operated flower and vegetable seeder for commercial and home gardens—fits palm of hand—will sow row or flat in fraction of time normally required—operating cost one flashlight battery per season. A real time, labor and seed saver. Just press the button and move the seeder along the row. Seeds—either very fine, medium or heavy—will be laid down just where you want them—close together or widely spread.

VIBRA-SEEDER. Without battery.
Each \$ 1.95
Dozen 15.60
Flashlight Battery.
Each 10c
Dozen 96c

SAUCERS—Rubber—"Plantrays"



Used under
Jardinieres and
Vases as well as
Flower Pots.

Each	Per doz.
No. 1—Takes up to 6" pot....	\$0.25
No. 2—Takes up to 8" pot....	.50
No. 3—Takes up to 10" pot....	1.00
No. 4—Takes up to 12" tub....	1.95
	2.00
	4.00
	8.00
	16.00

HOTKAPS

HOTKAPS—patented paper hothouses—completely protect plants from destructive frosts, storms, insects. Ripen crops weeks earlier; increase yield 18% to 51%. Maintain perfect mulch. One man can set 2000 per day. Millions used by growers every season.

1,000 to carton. Per 1,000..... \$14.65
5,000 or more. Per 1,000..... 14.50
10,000 or more. Per 1,000..... 14.35
25,000 or more. Per 1,000..... 14.20
Steel Hotkap Setter. Each..... 1.95



PALM TUBS



Strongly constructed of wood and held rigid with three steel wire straps. Painted green.

Size	Each	Dozen
7-inch	\$1.00	\$10.80
8-inch	1.10	12.00
9-inch	1.25	13.80
10-inch	1.30	14.40
11-inch	1.40	15.60
12-inch	1.80	19.80
14-inch	2.55	28.20
16-inch	3.15	35.40

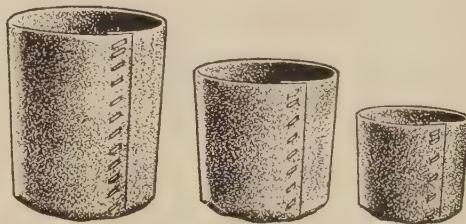
PANSY BASKETS

One-quart, two-quart or three-quart size.
Shipping wts. per 100:



1 qt., 12 lbs.	2 qt., 16 lbs.	3 qt., 18 lbs.	100	500	1000
1 Quart..... \$2.90			\$14.00	\$27.00	
2 Quart..... 3.25			15.00	29.00	
3 Quart..... 3.75			17.25	32.00	

"CLOVERSET" POTS FOR PLANTS



Made of a tough waterproof fibre fabric asphalt coated, similar to roofing.

SPECIAL LIGHTWEIGHT POTS

For one season's use only.
Packed 200 to a carton.

Top	No. Diam.	Wt. 200	Per 200	Per 1000
O-L	5"	25 lbs.	\$5.00	\$22.50
1-L	6"	37 lbs.	7.00	32.50
2-L	7"	50 lbs.	8.00	37.50

STANDARD HEAVY WEIGHT POTS

Top	No. Diam.	Wt. 100	Per 100	Per 1000
0	5"	35 lbs.	\$ 3.00	\$ 27.50
1	6"	52 lbs.	4.25	40.00
2	7"	78 lbs.	4.75	45.00
3	8"	88 lbs.	5.25	50.00
4	12"	200 lbs.	22.50	200.00

300 or more billed at the 1000 price
F.O.B. Kansas City, Mo.

TWINE, TAPE AND STAPLERS

TWINES ON CONES

Sea Island Twine

Green only. 2-lb cone. Put up on cones. Finest quality.

Per cone \$ 2.35
10 cones 22.00

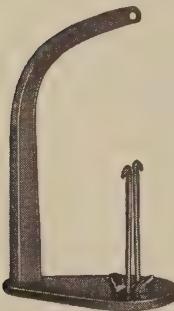


Cable Cord Twine

Green, white, or red.

A hard twine similar to Sea Island but thinner, harder, and stronger . . . therefore, greater yardage.

Green, White, Red.
1 1/2 lb. cone \$1.75
White only.
2 1/2-lb. cone 2.50



Parcel Post Twine

Similar to Sea Island but much heavier. Made especially for wrapping florist packages. Dark Green. Put up on cones. Very strong. 1-lb. cone.

Per cone \$1.35

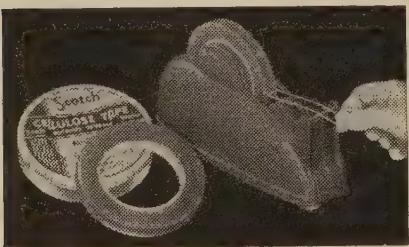
Cone Holders

Each \$0.75

HEAVY TWINE

Sisal, 2-ply, medium.
10-lb. ball \$4.50 50-lb. reel \$22.00
Jute, medium.
10-lb. ball \$5.50 50-lb. reel \$26.00

GENUINE SCOTCH CELLULOSE TAPE



Always ready—No water used
Dispenser—Heavy duty. Each \$2.50
Weight 8 lbs.

Tape—Transparent—2 rolls to a Box. 1/2 inch width.
Per box of 2 rolls \$2.56
3 boxes (6 rolls) 6.96

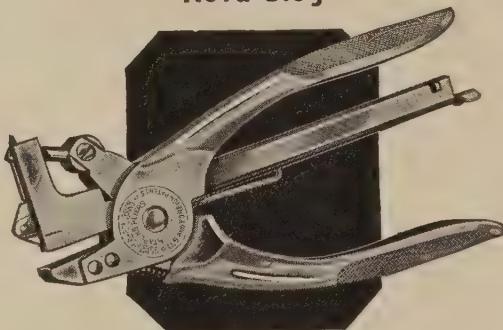
White Scotch Tape. 3/4" wide. For price markers, etc.
Per roll \$1.92

SCOTCH RIBBON TAPE

Outer side like white taffeta ribbon, inner side adhesive, 3/8" wide.
60 yd. roll \$1.70

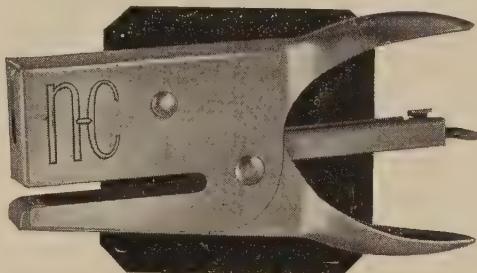
STAPLERS

Neva-Clog



Model S100—Standard Plier

Model S-100—Standard \$4.50
Model B-100—Heavy duty 4.75



Model J-30—Lightweight.

Model J-30—Lightweight \$3.75

Staples—Neva-Clog

No. A-1000—Standard. For S-100 Plier.
Per box 10M \$3.50
No. L-1000—Extra Long. For S-100 Plier.
Per box 10M 3.50
No. D-3/8—Standard. For B-100 Plier.
Per box 5M 2.50
No. DJ-340—Standard. For J-30 Plier.
Per box 5M 1.50

CORRUGATED BOX STAPLES

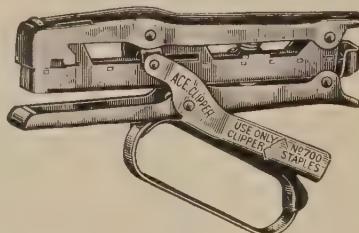
Per box of 1,000 \$0.90
Staple Driver. Each75

"BULLDOG" COIN CLIPS

Per box of 1,000 \$0.75
10 or more boxes. Each65



STAPLING PLIER—"ACE CLIPPER"



The deep throat, efficiency, and large staple capacity has made these staplers very popular.

No. 702. Each \$5.00

Staples: 5,000 per box—210 per strip.

Per box \$1.00 5 boxes \$4.50

AUTOMATIC TACKER

"HANSEN"



One-Hand Operation—Zip! Zip! Fast as you grip—with one hand—Kling-Tite drives Tack-Points. Leaves other hand free for holding object tacked. Result—rapid, accurate, neatly-finished tacking.

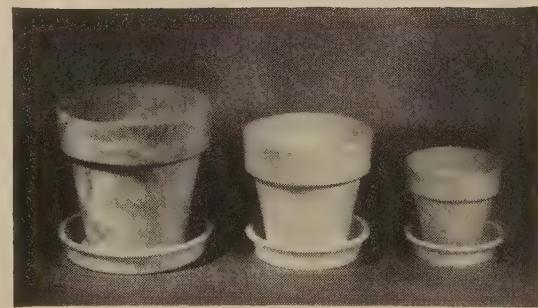
Model T-3 Tacker \$10.00

Tack-Point. 5000 to box.

No. 33. 3/16-inch. Box 2.00

No. 34. 1/4-inch. Box 2.00

FLORETTE—The Flower Pot of Beauty and Utility



3 1/2-inch. (30c retail). Carton of 3 dozen \$7.20
4 3/4-inch. (50c retail). Carton of 2 dozen 8.00
5 3/4-inch. (90c retail). Carton of 1 dozen 7.20

The new flower pot that will not warp or rot and whose color and luster are permanent; complete with saucer. May be used as a jacket to hold clay flowerpot or separately as a flowerpot by easily punching out water drainage blank in the bottom. FLORETTE comes in four striking colors—onyx green, yellow, ivory and red; and in three standard sizes, having top diameters of 3 1/2", 4 3/4" and 5 3/4". Made of strong, beautiful plastic that is light in weight, non-fragile, washable and odorless.

PAPER AND BOXES

WRAPPING PAPER



Our Own Pattern Wrapping Paper

"Mother of Pearl"

	Green	Orchid
24-inch roll	\$ 7.00	\$ 7.70
30-inch roll	9.00	9.90
36-inch roll	11.00	12.10

BROWN KRAFT

Width: 24"—30"—36". Per lb.....12c

PAPER CUTTERS

Width—24" Width—30" Width—36"
Per cutter, complete.....\$3.75

FLORIST FOIL

Plain or Polka Dot. Colored on one side, silver on the other. Best quality. 20 inches wide. Colors: Nile green, medium green, chartreuse, pink, gold, orchid, fuchsia, dark blue, sky blue, copper, red, violet, silver. 50-foot rolls.

	Each	Dozen
Satin Sheen	\$1.20	\$13.20
Polka Dot	1.25	14.40
ZIGZAG FOIL. Finest of all foils. Alternating silver and colored zigzag stripes. Embossed colors: pink, red, blue, dark blue, nile, dark green, orchid, yellow, violet, fuchsia.		
Per Roll.....\$1.75	Dozen.....	\$19.80

GUMMED TAPE—Brown

Finest quality available. It really sticks. 3" wide. Per roll.....\$1.25 10 rolls.....\$11.00

LILY TUBES—Paper Bags

Dry wax Kraft paper made into cylinders for wrapping lily and similar plants. Tapered to fit pots.

Easy to Use: Staple bottom—Insert plant—Staple top—Presto! Your plant is wrapped, quickly and neatly at a big saving in labor and time.

No. 5 for 5" Pot. 36" long.	
100..\$2.75	1000..\$25.00
5000..\$120.00	
No. 6 for 6" Pot. 36" long.	
100..\$3.25	1000..\$30.00
5000..\$145.00	
No. 7 for 7" Pot. 42" long.	
100..\$4.25	1000..\$38.50
5000..\$185.00	

PRINTING

Lily tubes may be printed with florist's name, address, trade mark, or anything else desired on orders of 5000 or more.

Price, per 1000.....\$2.50

MOTHER-OF-PEARL

WRAPPING PAPER, CUT FLOWER BOXES AND CORSAGE BOXES AVAILABLE AGAIN IN JADE GREEN OR ORCHID

This beautiful pattern, introduced by us some years ago, is once more available to our many customers who have used it in the past to make their packages distinctive. Select a "Mother-of-Pearl" color and use it consistently for your boxes and wrapping paper so that your customers identify it with you.

CUT FLOWER AND DESIGN BOXES

Jade Green or Orchid		50	100
24 x 5 x 3 1/2 inch.....	\$ 4.80	\$ 9.40	
30 x 5 x 3 1/2 inch.....	5.65	11.15	
36 x 6 x 4 inch.....	8.10	16.00	
24 x 8 x 5 inch.....	7.20	14.25	
28 x 8 x 5 inch.....	7.90	15.60	
36 x 8 x 5 inch.....	10.15	20.00	
30 x 12 x 6 inch.....	12.50	24.75	
36 x 12 x 6 inch.....	16.10	31.95	
30 x 14 x 8 inch.....	17.65	34.95	
36 x 14 x 8 inch.....	18.65	37.00	

50 complete boxes of one size wrapped in a package. We do not break packages.

WATERPROOF CREPE PAPER



Colors: White, light pink, rose pink, nile green, grass green, moss green, French blue, Mexican blue, red, yellow, purple, lavender.
20" wide. Per roll of 10 ft.....35c

DUO-TONE CREPE PAPER

Waterproof crepe paper faced on both sides with contrasting colors. 20" wide, 10 ft long. Colors: Moss green on white, chartreuse on white, golden yellow on white, rose pink on white, light French blue on white, orchid on white.

Per roll

Case of 50 rolls.....45c

WHITE TISSUE

Very finest grade white glazed. 11-lb. basis tissue.

480 count reams. Per ream. Each.....\$ 2.50
Per bundle of 10 reams.....24.50

WAX TISSUES

Finest quality. 10-lb. basis. Waxed Tissues. Sheets 24" x 36". 480 count reams.

WHITE. Per ream.....\$ 2.95
5 reams for.....14.25
GREEN. Per ream.....2.95
5 reams for.....14.25

CELLOPHANE

Clear moisture-proof cellophane.

Length Width Width
50-ft. rolls: 20"..... 75c 40".....\$1.60
100-ft. rolls: 20".....\$1.25 40"..... 2.55



CORSAGE BOXES

"Mother-of-Pearl" Jade Green or Orchid

	50	100
8 x 5 x 4 inch.....	\$2.95	\$5.75
12 x 5 x 4 inch.....	3.65	7.15
10 x 6 x 5 1/2 inch.....	3.95	7.75
12 x 8 x 5 1/2 inch.....	4.85	9.50

PRINTING

Cut Flower Boxes and Corsage Boxes may be imprinted with your name, address, telephone number, and F.T.D. or T.D.S. emblem or your own trade mark. Send for samples of type and colors.

Per 1000 boxes, any size.....\$3.50
(Minimum printing charge, \$3.50)

SHREDDED CELLOPHANE

Clear, makes fine packing for orchids, etc.
Per lb.....60c 5-lb. ctn.....\$2.50

SHREDDED WAX TISSUE

WHITE. 10 lb. ctn.....\$3.00

CORSAGE CONTAINERS



BEAUTY CORSAGE BAGS

Moisture-proof lace corsage bags with colored cardboard backs.

	Per 100	Per 1000
No. 1-B—5" x 3 1/2" x 15 1/4" ..	\$3.75	\$35.00
No. 2-B—4 1/2" x 2 3/4" x 13 1/2" ..	3.50	32.50
No. 3-B—4 1/2" x 2 3/4" x 11" ..	2.75	25.00
No. 4-B—4" x 2 3/4" x 9" ..	2.25	20.00

CELLOPHANE BAGS

LACE PRINTED CONSERVETTES

	Per 100	Per 1000
No. 1—6" x 4" x 14 3/4" ..	\$2.75	\$26.50
No. 2—5" x 3 1/4" x 13 1/2" ..	2.00	19.50

CLEAR CELLOPHANE BAGS

Per 100 Per 1000

Large. 5" x 5" x 14 3/4" ..	\$2.50	\$22.50
Medium. 6" x 3 1/2" x 13" ..	1.85	17.25
Small. 4" x 2 3/4" x 9" ..	1.25	10.00
1-lb. 3 1/2" x 2 1/4" x 7 3/4" ..	85c	7.25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SUPPLIES FOR THE FLOWER SHOP

CUT FLOWER PRESERVATIVES



"CONSUMER" 10c Size
25 2-qt. packets..... \$ 1.25
100 2-qt. packets..... 5.00

Printed Packages

Imprinted with your name, address and phone number.
500..... \$25.00 1000..... \$40.00

BULK FLORALIFE

30-qt. size (\$1 retail seller).....	60c
100-qt. size (\$3 retail seller).....	\$ 1.75
250-qt. drum (10 lbs. net).....	4.00
500-qt. drum (20 lbs. net).....	7.50
1000-qt. drum (40 lbs. net).....	13.50
2000-qt. drum (80 lbs. net).....	25.00

BLOOMLIFE
WITH
HORMONES
(SPECIAL FORMULA)

GOOD FOR ALL CUT FLOWERS
10c size enough to make 2 qts.
25 Pkgs..... \$1.25
100 Pkgs..... 5.00

PRINTED PACKETS

Imprinted with your name, address and phone number.

300	\$15.00
1000	40.00

"BULK" Sizes—Commercial

50-qt. size. Each.....	\$ 1.00
100-qt. size. Each.....	1.75
200-qt. size. Each.....	3.25
500-qt. size. Each.....	7.50
1000-qt. size. Each.....	13.50
2000-qt. size. Each.....	25.00

STYROFOAM BLOCKS

Sensational snow-white plastic. Can be cut with knife to size desired for centerpiece work or for design framework. 36x12x2 inches.
1 Bar..... \$1.25 Case of 20 Bars..... \$22.75

SNO-PAK

Revolutionary new floral base. Saves wire, picks, labor. Replaces old-fashioned dry spray-bars, mossed wreaths, and flower frogs. For floral pieces, sprays, baskets, vases, centerpieces, etc. SNO-PAK locks the water in its cells, holds flower stems in a cool, moist grip. (To use, soak SNO-PAK in plain water or in FLORALIFE solution.)

Case of 24 Bricks..... \$11.42
Jumbo Case of 48 Bricks..... 20.38

STICK QUICK CEMENT

Ideal for securing fresh cut flowers to ribbons, macines, and most other materials. For use with fans, hair arrangements, and novelties, and for fastening ribbons and tapes to wires and stems.

3-oz. bottle or tube..... 60c

GLASS SPARKLE

Ground glass in beautiful, sparkling colors: Silver, gold, red, blue, green, black. Use for writing names on ribbon with STICK QUICK CEMENT, or sprinkle on flowers or foliages after dipping or spraying with PLANT GLAZE. Per Bottle..... 60c

FLORADYE

New immersion dye. Just dip, rinse and dry. In a matter of seconds flowers are thoroughly dyed whatever color you desire.

Colors: Pink, Light Pink, Yellow, Golden-Yellow, Joanna Hill, Orange, Blue, Light Blue, Aqua, Green, Nile-Green, Lavender, Violet, Purple, Fuchsia, Red.

8 oz..... \$1.00 Qt..... \$2.50

BLOOMTINT—Liquid

Absorption dye. Per package..... 45c
Colors: Blue, Red, Pink, Orange, Yellow, Violet, Lavender, St. Patrick's Day Green.

FLORAWAX

Florawax protects your set pieces against wilt. A transparent material, the consistency of milk. Just dip flowers and greens into Florawax and let dry for 15 minutes. Or make up in usual manner and then spray on; quick clean, easy. Works like magic. Set pieces stay crisp and beautiful! (Full directions and details on label.)

1 gallon..... \$2.50 5 gallon drums..... \$10.00

PLANT GLAZE

A transparent plastic wax that helps prevent wilting due to dehydration, adds beautiful luster to blooms and leaves. Use for set pieces, designs, corsages, ferns and leaves. Will not discolor or destroy flower fragrance. Dip, spray, or wipe on.

Gallon..... \$2.50 5 gals..... \$10.00

FLORAGLOW

FOR YOUR POTTED PLANTS

Gives leaves an amazingly beautiful luster. Just spray or dab on leaves once a month. Leaves become greener, glisten and sparkle. Discourages insects, makes plants thrive. TWO-WAY PROFIT: (1) Increase your sale of potted plants by dressing them up with Floraglow. (2) Sell Floraglow for use in the home. 6 oz. (50c seller) Ctn. of 24..... \$ 6.50
Spray top for above (18c). Ctn. of 24... 3.00
Qt. (\$1.40 seller). Ctn. of 12..... 10.10
Spray top for above (20c). Ctn. of 12.... 1.70
Gallon (for Florists' use). Each..... 2.00

WEDDING SUPPLIES



MUFF. White satin, without streamers.
Each \$2.25



RING BEARER PILLOWS. White satin,
8" x 10". Lace edge.
Each \$1.50



SATIN FAN. White. 12" overall..... \$1.50
LACE FAN. White. 12" overall..... 1.85
BRIDAL PRAYER BOOK. Roman Catholic
Missal, complete. Beautiful white Mother
of Pearl binding with leaves edged in gold
and embossed with floral design. Fine
paper. Cover 6" x 3".
Each. (Retail list \$7.50)..... \$5.00

PARASOL. Satin and lace. 15" overall.
White. Each \$2.25

AISLE CLOTH. White duck, 36" wide.
Hemmed.

50 ft..... \$17.00	75 ft..... \$25.00
100 ft..... 34.00	150 ft..... 50.00

SUPPLIES FOR THE FLOWER SHOP

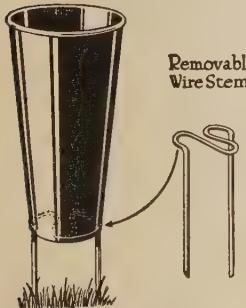
HANDY HANDLES



Fits any flower pot with a bulldog grip. All white wire. 17 inches high.

Bundle of 10.....\$3.50 50 for.....\$16.00
100 for.....\$29.00

CEMETERY VASES



Removable
Wire Stems

Well made with removable wire prongs, painted green.

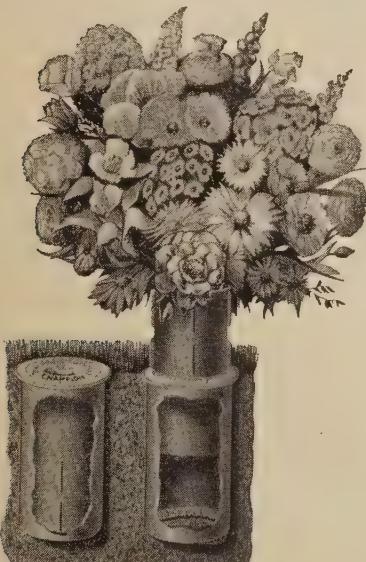
Medium size, 6 3/4-inch depth. 4-inch top diameter.

No. 2A

Per dozen \$ 1.60
Per gross 17.85

Large size. 8-inch depth, 4 1/2-inch top diameter.
No. 3A. Per dozen..\$2.25 Per Gross..\$25.00

CEMETERY BOUQUET HOLDERS



A cemetery vase that can be leveled flush with the ground when not in use. Adjustable to 3 heights. 4 1/4" x 8". Green enameled. Cannot upset. Per dozen.....\$6.50

FLORATAPE



White, Green, or Orchid. Put up on 1/2-inch rolls. Two rolls are wrapped into a twin package. Per twin package.....\$0.35
Per box of 6 twin packages..... 1.95
1-inch tape. Per roll..... .35
Per box of 6 rolls..... 1.95

CORSAGE PINS

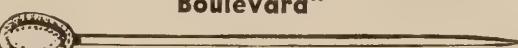
"Aura"



Round pearl-head, 2-inch white or assorted colors.

Per gross.....\$1.10 10 gross.....\$9.75
2 1/2" Assorted only. Per gross.....\$1.15

"Boulevard"



Pear-shaped head. Pearl, 2-inch. White or assorted colors.

Per gross.....\$1.20 10 gross.....\$10.50

BOUTONNIERE PINS

White pearl, 1 1/2 inch.
Per gross.....\$1.10 10 gross.....\$9.75

BANK PINS

No. 1, 2, or 3. Per 1/2 lb. box.....\$0.75

SAFETY CORSAGE BUCKLES

Packed 50 to a box.
Per box.....\$1.75



CORSAGE SHIELDS

SHOULDER or WRIST—Specify which.
Plain Sateen. Per dozen.....\$1.00
Fancy Chiffon. Per dozen..... 2.00

CHENILLE—All Colors Regular Chenille

Purple, Orchid, White, Green, Red, Yellow, Blue
12-yard skeins. Each.....75c

Corsage Stems

Chenille in 12-inch lengths. All colors.
Per 100.....75c Per 1000.....\$6.50

CORSAGE FEATHERS

Heavy plumage. Uniform size. 25 of one color packed in a neat glassine bag. Colors: White, pink, orchid, pale blue, nile green, yellow.
Per 25.....\$1.25 Per 100.....\$4.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

DOVES



Beautiful, pure white birds.
Medium. Green label.....\$2.50
Extra Large. Blue label..... 3.00
Small. Japanese..... 1.50
Artificial Storks, 9-inch. Per dozen..... 2.35

BOUQUET HOLDERS

Used as background for Colonial Bouquets and Corsages. Two styles: Lace paper. White only. Cellophane. Colors: White, Pink, Yellow, Blue, Nile, Orchid.

Inside Meas.	Outside Meas.	Lace Paper Per doz.	Cellophane Per doz.
1 1/2"	3 3/4"	\$0.50	\$0.55
2"	4 1/2"	.60	.65
2 1/2"	5 1/2"	.70	.75
3"	7 1/4"	.80	.90
3 1/2"	8"	.85	1.00
4"	8 3/4"	.95	1.35
4 1/2"	9 3/4"	1.05	1.65
5"	11 1/4"	1.40	1.95
6"	13"	1.75	2.50

CANDLES—Hand Dipped

Will not drip or wilt. Colors: White, Old Ivory, Pink, Blue, Peach, Yellow, Red and Xmas Green.

Per dozen	Per gross
10-inch	85c \$ 9.40
12-inch	\$1.00 11.55
14 1/2-inch	1.20 13.70
18-inch	1.35 15.60



FLORIST THREAD

AMILSCO. Very high grade. 2 1/2-lb. box of 12 wooden spools. Per box.....\$3.00
10 boxes.....\$27.50

BIG CHIEF. On wooden spools. A new 2-ply rayon green thread of proper strength with much greater yardage per spool. 1-lb. box of 8 spools.

Per box.....\$ 1.75
10 boxes for..... 16.50

NEW BEST-YET

On Wooden Spools

1-lb. box of 8 spools.
Per box\$1.75
10 boxes for.....\$16.50



CORSAGE THREAD.

Box of 12 spools.....\$2.00

SUPPLIES FOR THE FLOWER SHOP

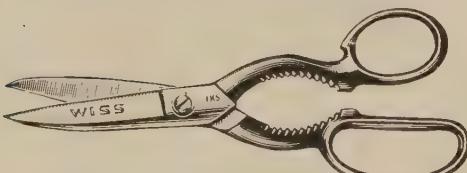
CORONA CLIPPER



A very handy workroom shear. New, heavy duty style especially designed for the florist.

No. 21-S. Straight blade. Each.....\$1.75 Dozen.....\$16.80
No. 21-C. Curved blade. Each.....\$1.95 Dozen.....\$18.40

UTILITY SHEARS

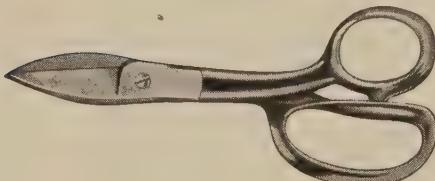


Serrated blade. Ideal for cutting wire, rope, twine, ribbon, flower stems, etc.

No. 1-KS. Each.....\$2.00

FLORIST SHEARS

"COMPTON"



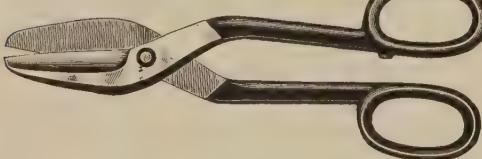
Heavy blades. Powerful leverage. A very handy, all-around workroom shears. 7½ inches overall.

No. 833. Straight Edge.....\$2.50
No. 833-S. Serrated Edge.....\$2.50

PINKING SHEARS

Aluminum body. Each.....\$7.95

TIN SNIPS



For cutting florist wire, galvanized wire, chicken netting, etc.

No. 111. 7½" overall. Each.....\$2.45
No. 11. 9" overall. Each.....\$3.00
No. V13. 7" overall. Duckbill type. Each 1.00

STEEPLIX

2½". Case of 12,500.....\$15.00
3". Case of 10,000.....\$15.00

TOOTHPICKS—World's Fair

Natural, double-pointed round.
Box of 1,000.....30c 24 boxes.....\$6.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

AFS—HEADQUARTERS
FOR FLORIST WIRE

Finest quality—Soft annealed—Clean and straight as an arrow. In 12-lb. boxes, packed six to the case. Cut 18 inches.

BRIGHT ANNEALED

Cut 18 inches		Case of	Gauge	Per box	Case of
Gauge	Per box	4 boxes	18	\$ 2.80	6 boxes
16	\$1.60	\$ 6.20	19	2.90	16.80
18	1.80	7.00	20	3.00	17.40
19	1.90	7.40	21	3.15	18.30
20	1.95	7.60	22	3.30	19.20
21	2.10	8.00	24	4.05	23.70
22	2.20	8.40	26	4.80	28.20
24	2.70	10.40	30	6.15	36.30
26	3.15	12.20			
30	4.25	16.40			

GREEN ENAMELED

Cut 18 inches		Case of
Gauge	Per box	6 boxes
18	\$ 2.80	\$16.20
19	2.90	16.80
20	3.00	17.40
21	3.15	18.30
22	3.30	19.20
24	4.05	23.70
26	4.80	28.20
30	6.15	36.30

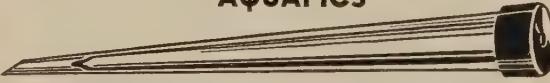
STICK WIRE—Malin's



THE MALIN & CO., CLEVELAND, O.
Soft, bright annealed. ¼-lb. sticks.

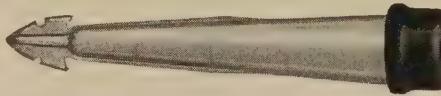
Per box of		Per box of
Gauge	20 sticks	20 sticks
22	\$0.15	\$2.10
24	.20	2.50
26	.25	2.80
28	.30	3.40
30	.35	3.80
34	.45	4.80
36	.50	6.00

AQUAPICS



New design of plastic water tube pick. Straight tip permits easy insertion or withdrawal from flower piece. Can also be used as orchid tube. Three sizes: REGULAR, 4½" long, tapered shank. MASTER, 4½" long, large diameter shank. CORSAGE, 2" long, tapered shank. Regular Size. Per 100.....\$2.00 Per 1000.....\$19.00
Master Size. Per 100.....2.00 Per 1000.....\$19.00
Corsage Size. Per 110.....2.00 Per 1100.....\$19.00

WATER TUBE PICKS—"Madon"



Barbed at point to hold firm in the moss. 3½ inches overall.

Per 100.....\$1.85 Per 1000.....\$17.50

UNWIRED PICKS—Green

3"	Box of 1,000.....	50c
3"	Case of 20,000.....	7.35
4"	Box of 4,000.....	2.40
4"	Case of 10,000.....	5.40
6"	Box of 3,000.....	2.40
6"	Case of 10,000.....	7.45

WIRED PICKS

2½" White.	Box of 10,000.....	\$ 4.30
2½" White.	Case of 50,000.....	20.95
3" Green.	Box of 8,000.....	5.95
3" Green.	Case of 40,000.....	27.95
4" Green.	Box of 4,500.....	5.45
4" Green.	Case of 10,000.....	10.75
6" Green.	Box of 3,000.....	4.30
6" Green.	Case of 1,000.....	13.95

PLASTIC AQUAPIN

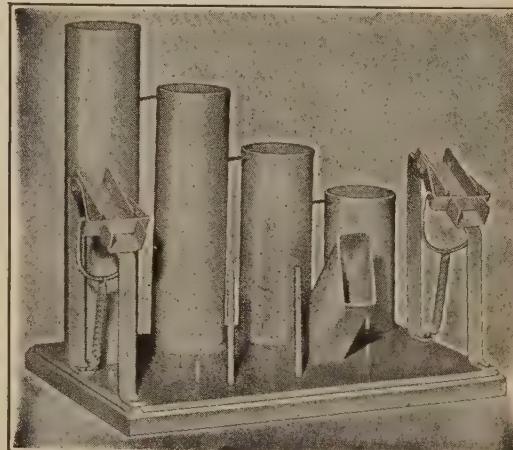
THE "SWEETHEART" of LAPEL BUBBLE VASES
Beautiful Heart-shape design. Non-breakable
crystal clear plastic. Flat back—"No Bobble"—
stays put.



Aquapin holds ample supply of water to prolong beauty and crisp freshness of the most perishable flowers. Three colors: clear, orchid or green.

Per box of 3 doz.....\$ 4.50
Per gross 17.00

UTILITY HOLDER



4 tubes for wires, 2 clamps for wired picks,
2 poles for spools of thread and a holder for
workroom shears.
Each \$5.00

SUPPLIES FOR THE DESIGNER

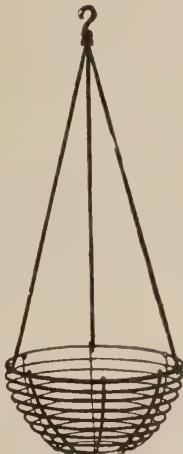
HANGING BASKETS

These are made of strong wire, sturdily built for long service, painted green.

Measure diameter of largest ring.

Each

10 inch	40c
12 inch	50c
14 inch	55c
16 inch	75c



WREATH ROLLS—3-inch



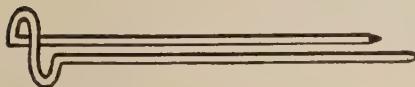
Green.

Wax paper rolls, for wrapping mossed wreaths and designs. Full sized rolls. Fresh stock. Will not stick together. Packed 12 rolls to the box.

Per box

\$3.00

"PHILLY" FERN PINS



Greening Pins.

10-lb. carton

\$3.25

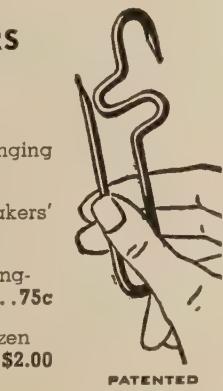
SPRAY HANGERS "James"

Very strong hooks.

For hanging up or arranging Sprays, Wreaths, etc.

The Florists' and Undertakers' Friend.

Box contains 1 dozen hangers. Per box.....



75c

Package contains 4 dozen hangers. Per box.....

\$2.00

WIRE PLANT STANDS

Sturdily constructed of green wire. Top dimensions, 9" x 11".

Size	Each	Size	Each
12"	\$1.30	36"	\$2.30
18"	1.50	42"	2.80
24"	1.90	48"	3.20
30"	2.10	54"	3.75

WHITE WOOD EASELS

Two styles: Beaded or plain. Packed one dozen to package. We do not break packages.

Size	Beaded Dozen	Plain Dozen
36"	\$ 7.80	\$ 5.75
42"	9.00	6.25
48"	9.60	6.75
54"	10.20	7.45
60"	10.80	8.15
66"	13.80	8.85

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

MOSS FILLED WREATHS AND DESIGNS

Save Time in Making Up Sprays and Wreaths

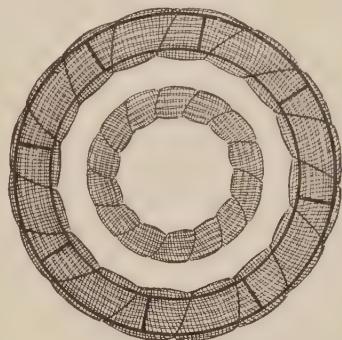
Machine made, moss filled nets, filled with finest grade of dry Sphagnum Moss. Always ready to use.

Spray Bars

Length	Each	Length	Each
12" x 3 1/2".....	20c	24" x 4 1/2".....	50c
16" x 3 1/2".....	25c	24" x 6".....	61c
18" x 3 1/2".....	29c	30" x 6".....	68c
20" x 3 1/2".....	32c	36" x 6".....	77c

Crosses

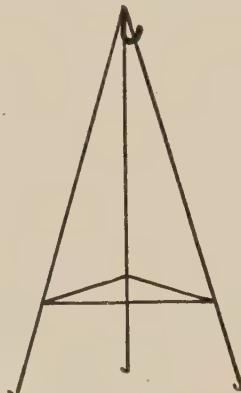
Size	Each	Size	Each
18"	.52c	24"	.73c
20"	.58c	27"	.82c
22"	.65c	30"	.96c



Wreaths

Size	Each	Size	Each
10"	.26c	20"	.55c
12"	.30c	22"	.62c
14"	.36c	24"	.70c
16"	.42c	27"	.85c
18"	.48c	30"	\$1.15

GREEN WIRE EASELS



Size	10	50	100
21"	\$1.20	\$ 5.60	\$10.65
24"	1.35	6.30	12.00
27"	1.50	7.00	13.50
30"	1.65	7.70	14.65
36"	1.80	8.40	16.00
42"	2.85	13.30	25.35
48"	3.75	17.50	33.35

WIRE WREATH FRAMES

	Per 25	Per 50	Per 100
10"	\$2.00	\$ 3.70	\$ 6.80
12"	2.25	4.00	8.20
14"	3.00	5.50	10.30
16"	3.50	6.20	11.70
18"	4.75	8.70	16.60
20"	6.00	10.80	20.80
22"	7.00	12.90	24.80
24"	7.75	14.50	27.60

WIRE CASKET PLAQUES

Size	Bundle of 10	Size	Bundle of 10
12"	\$3.60	30"	\$5.00
18"	4.00	36"	6.00
24"	4.50		

SPHAGNUM MOSS



Carefully selected. Finest quality. Free from sticks and other refuse. Gathered from the finest swamps.

Full size bales. Approximately 48" x 16" x 14". Weight, per bale, approximately 20 to 22 lbs. Per bale.....\$2.45 10 bales.....\$22.50

SHEET MOSS

Available in late spring only. Large sheets. Large bale

\$4.50

GREEN BURLAP

For making casket covers. 36 inches wide.

Per yard

50c

Bolt of 50 yards..... 22.50

ARTIFICIAL FLOWERS AND PREPARED FOLIAGES

ASPARAGUS FERN—Prepared

Per 10 sprays.....	\$0.75
Per 100 sprays.....	6.50

CATTAILS—Natural

Pencil thickness. Per 100.....	\$1.65
Per 1000.....	15.00

DIAMOND FLOWERS



Tiny miniature straw flowers.

Flowers approximately $\frac{1}{4}$ inch diameter.

12 Beautiful Colors:

White	Red
Yellow	Autumn
Green	Orange
Lavender	Purple
	Light Pink
	Dark Pink
	Light Blue
	Dark Blue

Each bunch contains one color only.

Per 1-oz. bunch..... \$0.25

Per lb...... 3.25

ERIANTHUS PLUMES

Assorted colors. Box of 50..... \$2.75

GYPSOPHILA
"California Beauty"

Big, white flowers—full, large bunches.

Per bunch..... \$1.25

Per case of 10 bunches..... 11.50

COLORED
GYPSOPHILA

Beautiful colors: Pink, Cerise, Red, Lt. Blue, Dark Blue, Yellow, Orange, Purple, Lt. Green, Chartreuse. Per bunch..... \$1.75

Per case of 10 bunches..... 15.00

STATICE—Wisconsin

White, per lb..... \$1.00 5 lbs..... \$4.50

PEPPERMINT

Colors: silver, red, green, pink-white, orchid-white, green-white, pink-blue, white-yellow.

Per lb...... 90c

Per 10 lb. carton..... \$7.95

ROSE LEAVES



Natural Green. Per gross..... \$1.25

Silver or Gold. Per gross..... 2.00

MAGNOLIA LEAVES

Red, brown or green.

Per 6-lb. carton..... \$2.50

LILY OF THE VALLEY

Very natural. Imported.	
Japanese. Per gross.....	\$2.75
Argentine. Per gross.....	4.50

PLEASE NOTE

The Wax Flowers and Celluloid Flowers listed below are packed 100 of a color to a carton. We do not break cartons.

CAMELIAS—Wax

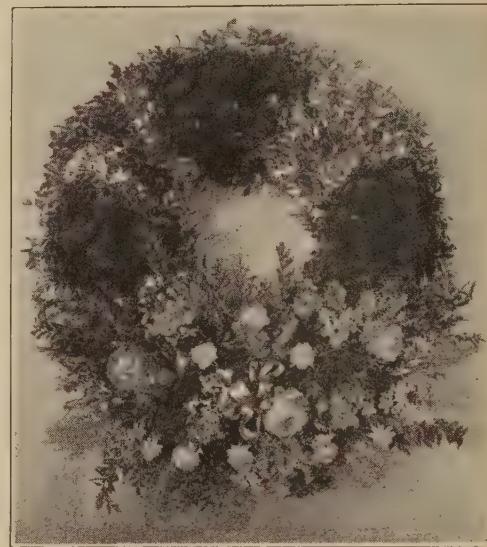
Colors: White, white-pink, pink, talisman, red	
Per 100 of a color.....	\$3.95



CARNATIONS

Wax or Celluloid

Large — Fancy —	
Natural. White, pink, or red.	
Wax.	
Per 100 of a color.....	\$3.50
Celluloid.	
Per 100 of a color.....	5.00

GEORGINES
Wax

Large Dahlia-type flower. Colors: white, pink, red, talisman.

Per 100 of a color..... \$5.00



ROSES—Wax or Celluloid

Colors: white, pink, red, yellow, talisman.

Wax.	
Per 100 of a color.	\$3.75
Celluloid.	
Per 100 of a color.	5.00

VIOLETS
Celluloid
Imported

Purple or white.

Per gross..... \$1.25

VIOLET LEAVES
Celluloid

Per gross..... \$1.25



GRASS MATS—Raffia

Green. Finest quality. 56 row sewing. 36 inches wide. 72 inches long. Each..... \$4.25

ARTIFICIAL WREATHS

New and Modern Numbers
Beautiful Combinations

OAK LEAVES

Red, green, or brown.

10 lbs..... \$4.15 25 lbs..... \$9.45

OAK BRANCHES

Red, green or brown.

10 lbs..... \$3.00 25 lbs..... \$6.95

50 lbs..... 13.30

HOLLY BERRIES

Cotton-stemmed. Per gross..... \$0.25

25 gross..... \$5.00 50 gross..... \$9.00

Wire-stemmed. Per gross..... \$0.40

Mistletoe Berries. White. Per gross..... \$0.40

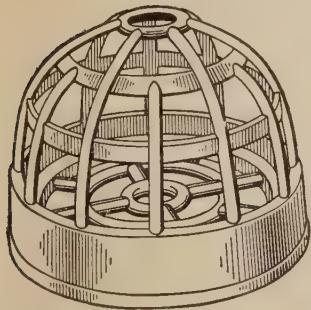
CHERRIES

Per gross..... \$1.75

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America's Leading Supply House

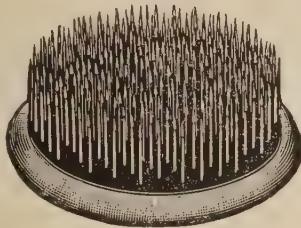
FLOWER HOLDERS



DOME TYPE ROUND

No. 31.	1 3/4"	
Each	20c	
Dozen	\$1.50	
No. 32.	2 1/2"	
Each	30c	
Dozen	\$2.40	
No. 33.	3 3/8"	
Each	50c	
Dozen	\$4.20	

PIN TYPE ROUND

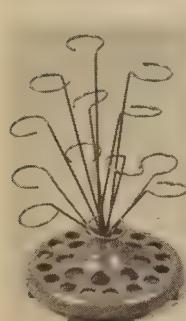


No. 11 — 1 1/2"	
Each	20c
Dozen	\$1.80
No. 12 — 2 1/4"	
Each	35c
Dozen	\$3.00
No. 13 — 3"	
Each	60c
Dozen	\$5.40
Oval. No. 73—1 3/4" x 3 1/2".	
Each	55c
Dozen	\$4.50

DISPLAY ASSORTMENTS

No. 1. Includes 6 No. 11, 4 No. 12, 2 No. 13.	
Per set.....	\$4.00
No. 3. Includes 5 No. 31, 4 No. 32, 3 No. 33.	
Per set.....	\$3.60
6 sets.....	\$16.20

ART-FLEX FLOWER HOLDER



A new type flower holder that enables one to arrange the most difficult centerpieces with the greatest of ease. The wire loops can be bent in any direction to achieve the design you want.

Base is 3 1/4" in diam. Overall height, 5". Painted green.

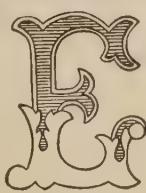
Each	40c
Dozen	\$3.60

PLASTITE FLORAL CLAY

For securely fastening flower holders to containers.
Carton of 24 pkgs..... \$1.20

GOLD LETTERS and NUMBERS

A to Z. 1 to 9.
25 of a letter to the package.
100 letters, 4 pkgs.
Per 100 letters..... 20c
Per 1,000 letters..... \$1.80



Compartment Boxes for Gold Letters



A Black Box, 14 inches square and 2 1/2 inches deep, with 36 compartments to hold A to Z in letters and 1 to 10 in numbers.
Each 95c

Per package (10 words)..... 15c
Per 10 packages (100 words)..... \$1.40
Per 100 packages (1,000 words)..... 12.00

LOGE EMBLEMS—Gold Paper

Square and Compass, Elks, Eastern Star Knights of Columbus, Kiwanis, Rotary.
Packed: 10 of a kind to a package.

Per Pkg..... 50c 10 pkgs..... \$4.50

Size: Fits nicely on a 5-inch ribbon.

SILVER AND GOLD ANNIVERSARY EMBLEMS

A number 25 or 50 surrounded by a floral wreath cut from heavy Silver or Gold paper.
2-inch diameter.

25 emblems for..... 60c

Large size. 5-inch. Each..... 20c

CLOCK DIALS

Purple background. White letters and hands.
7-inch diameter 20c
9 1/2 inch diameter 40c

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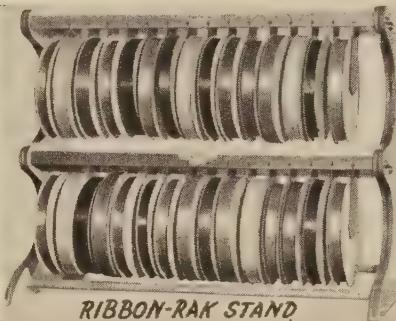
FOIL RACK



Made of beautifully finished select blond hardwood veneer. Serrated metal edge for each roll cuts foil or cellophane into desired size. Eliminates time and material loss by replacing the use of scissors, knives and free-hand tearing. Converts waste wall space into profitable storage space.

Price \$10.00

RIBBON RACK STAND



Made of finished select blond hardwood. Ribbons are suspended on detachable neutral gray metal separators. Its flexibility permits ribbons to be unreeled or removed without disturbing other ribbons. Holds all standard size and width ribbons, up to 30 reels per stand.
Price \$9.50

RIBBON-RAK SET for installation on wall space or underside of shelving..... \$6.00

GOLD SCRIPT—Words

10 of a word to the package.
10 packages per 100 words.

Per package (10 words)..... 15c
Per 10 packages (100 words)..... \$1.40
Per 100 packages (1,000 words)..... 12.00

LOGE EMBLEMS—Gold Paper

Square and Compass, Elks, Eastern Star Knights of Columbus, Kiwanis, Rotary.
Packed: 10 of a kind to a package.

Per Pkg..... 50c 10 pkgs..... \$4.50

Size: Fits nicely on a 5-inch ribbon.

FLORIST CARDS

THE JOHN HENRY LINE

Consist of: Sympathy Cards, Holiday Cards, Birthdays, Speedy Recovery, Congratulations, Greetings, Mother and Baby—in fact, a card for every need.

100 70c 500 \$ 3.35
1000 \$4.95 5000 22.50

PACKED: In packets of 50 of one style in a glassine envelope. This assures cleanliness and economy.

Special assortments for your convenience:

No. 1—500 Christmas Cards—Assorted.
No. 2—500 Mother's Day Cards—Assorted.
No. 3—500 Easter Cards—Assorted.
No. 4—500 Sympathy Cards—Assorted.
No. 5—500 Everyday Cards—Assorted.

PLAIN CARDS

Finest Quality of Cardboard. Your Pen Will Not Scratch. The Ink Will Not Smudge.

Per box of 500—Wt. 2 lbs..... \$ 1.60
1000 \$2.20 5000 10.00

WHITE ENVELOPES

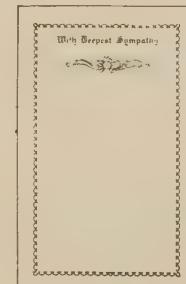
Size of Envelopes 2 1/2" x 4 1/4".

PLAIN—Per box of 500..... \$ 1.80
1000 \$2.95 5000 \$13.75

GLASSINE ENVELOPES

2 1/2" x 4 1/4" with metal eyelet.
Box of 500..... \$3.00

LARGE SYMPATHY CARDS



Size: 3" x 5".
High quality, steel-engraved, paneled cards.

50 cards and 50 glassine envelopes.

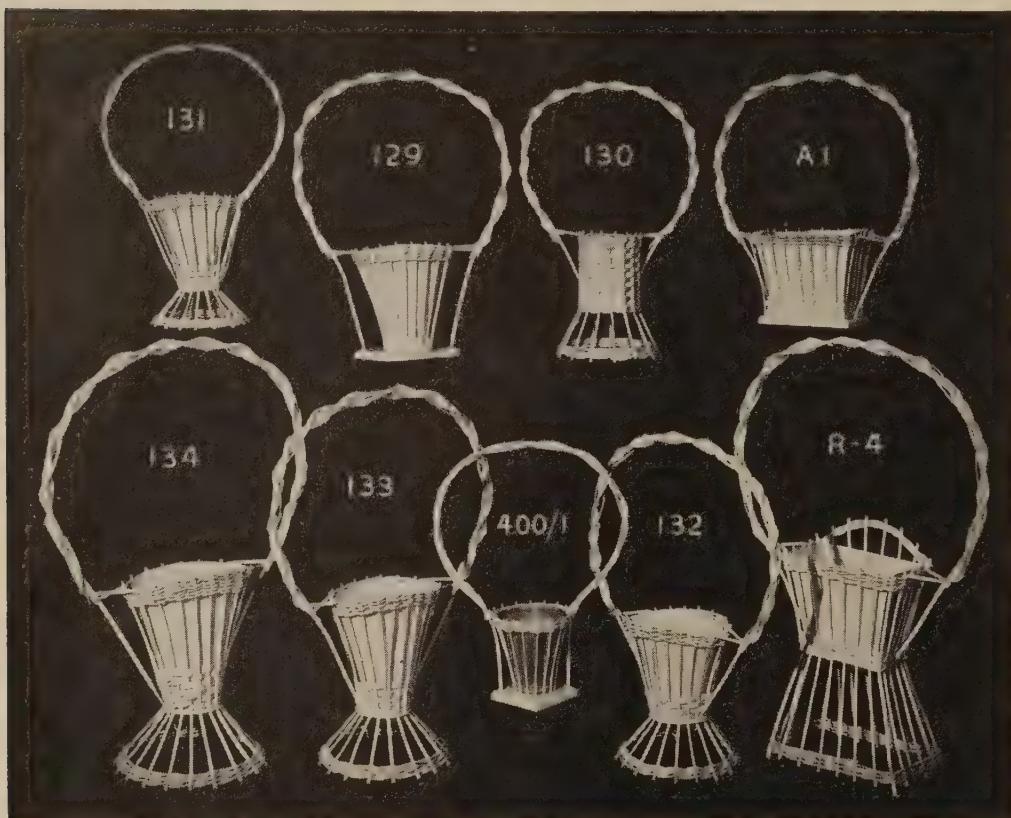
Per box..... \$1.35

COMBINATION BOX AND CEMETERY STAND



Ideal for placing flowers in cemeteries where containers are not allowed to be placed directly on the ground. Consists of folding metal stand and wood plant box (knocked down).
Per set..... \$1.00 Dozen sets..... \$9.00

FLOWER BASKETS FOR EVERY NEED



Model	Height of Body
No. 400/1	8 inches
No. A-1	10 inches
No. 129	13 inches
No. 130	13 inches
No. 131	14 inches
No. 132	14 inches
No. 133	16 inches
No. 134	18 inches
No. R-4	24 inches

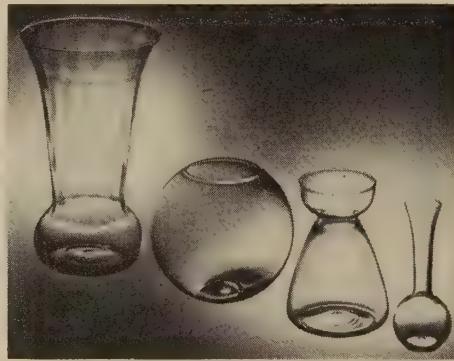
Model	Height Overall	Price, Each
24 inches	\$0.90	
27 inches	2.10	
30 inches	2.10	
30 inches	1.80	
30 inches	1.95	
30 inches	2.30	
35 inches	2.80	
39 inches	3.50	
40 inches	3.50	

"AMERICAN BEAUTY" VASES



42-inch. Each.....	\$ 7.00
48-inch. Each.....	8.00
54-inch. Each.....	9.00

GLASSWARE



Vase. No. 743. 8" high, 4 $\frac{1}{2}$ " diam. Crystal.	\$ 8.10
Amber, Blue, or Tangerine. Carton of 24.	12.60
Ruby Red. Carton of 24.	21.60
Rose Bowl. No. 695-4. 4 $\frac{1}{4}$ " diam.	
Crystal. Carton of 36.	8.10
Amber, Blue, or Tangerine. Carton of 36.	12.15
Ruby Red. Carton of 24.	16.20
Hyacinth Glass. No. 717. 6" high, 4" diam. Crystal. Carton of 36.	8.10
Amber, Blue, or Tangerine. Carton of 36.	11.70
Bud Vase. No. 601-8. 8" high, 3" diam. Crystal. Carton of 36.	9.00
Amber, Blue, or Tangerine. Carton of 36.	13.50
Ruby Red. Carton of 36.	18.00

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CHRYSANTHEMUM SPECIAL

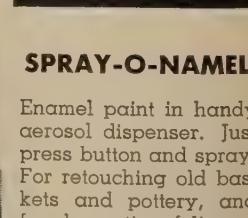


A high stand basket that will give a few Mums or Gladioli a massive appearance. Height overall, 52 inches. Depth of liner, 11 inches. No. CHR-3. Each.....\$4.50

"FLOWER GIRL" BASKETS



A very dainty petal basket. Made of white reed.
Small. Each...\$0.95
Medium. Each. 1.00
Large. Each... 1.05



SPRAY-O-NAMEL

Enamel paint in handy aerosol dispenser. Just press button and spray. For retouching old baskets and pottery, and for decorating foliages, etc. Colors: White, green, red, silver, gold, yellow, blue, black. Packed dozen to case, all one color or Florist Assortment.
12-oz. can..... \$1.35 Dozen..... \$13.61

PAPIER MACHE CONTAINERS

KEIDING POT COVERS



White. Only

	Top Diam.	Depth	Pack Per Case	Price Each
No. 3	4½"	4"	150	7½c
No. 4	5"	5"	100	9c
No. 5	6½"	6½"	100	12c
No. 6	7½"	7½"	50	15c
No. 7	8½"	8"	50	23c
No. 8	10"	9½"	40	35c

KEIDING VASES



8" Vase. Top diam., 4½". Height, 8". White. Packed 60 to case.
Each 13c
11" Vase. Top. diam., 7". Height, 11". White. Packed 36 to case.
Each 23c

JARDIER ROSE VASE

No. 400



Weighted base.
White or green.
Top diam., 5¼".
Height, 10".
Packed 40 to case.
No. 400. Each....19c

JARDIER SPRAY VASE AND MUM VASE



Weighted base.
White or green.

No. 500—
Spray Vase.
Top diam., 7½"
Height, 10".
Packed 18 to case.
Each 29c

No. 700—
Mum Vase.
Top Diam., 9½".
Height, 13".
Packed 12 to case.
Each 50c



JARDIER POT COVERS

White or Green.

	Top Diam.	Pack Per Case	Price Each
No. 3	4½"	200	7c
No. 4	5¼"	100	8c
No. 5	6½"	80	10c
No. 6	7½"	50	13c
No. 7	8½"	35	20c
No. 8	9½"	24	35c

BOX VASE



Top, 8" x 4½"; depth, 5".
No. 19. 50 to case. Each.....17c

JARDIER BULB BOXES



White or Green Each

No. 4	12" x 5"	50 to case.	20c
No. 6	16" x 5½"	20 to case.	35c

HEART VASE



White. Weighted base.
Top, 11" x 4½"; height, 10".

No. 45. 12 to case. Each.....45c

WEDGEWOOD VASE



White or green. Weighted base.
Top, 10" x 6½"; depth, 7".

No. 600. 30 to case. Each.....29c

KEIDING CENTERPIECES

9" x 5".			
100 to case.			
Each ...12c			
11" x 6".			
75 to case.			
Each ....18c			



FORMART

VASES

Color: White.

Number	Height	Width	Pack per case	Price Each
120	7½"	7½"	24	20c
135	11"	8"	24	35c
150	14"	9½"	12	50c
155	12"	11"	12	55c

PLEASE
Order in case lots whenever possible.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



White or green. Weighted base.
Top, 10½" x 5½"; height, 9½".

No. 800. 12 to case. Each.....42½c

STYLISH SPRAY RIBBONS

Pattern "Marilyn"



The aristocrat of metallines. Its fine, solid weave and beautiful, live colors make it a superb ribbon for better class sprays, wreaths and funeral baskets. Colors: White, pink, blue, yellow, talisman, better times, nile green, picardy, orchid, lavender, purple, fuschia, premier, gray, red. Width, 4½ inches.

40-yard bolt. Each.....\$ 1.95
10 bolts for.....18.50

WHITE CHIFFON

Fine domestic chiffon, 6 inches wide. A lovely ribbon for wedding work.

40-yard bolt. Each.....\$4.25

TRICOTINE—Silver

20-inch. Metallic netting.
Per yard.....40c

Pattern "Necessity"



An attractive metalline with a striped, open weave. Its live colors give a good appearance when used on lower priced work. Colors: Same as colors listed under "Barbara." Width, 4½ inches.

40-yard bolt. Each.....\$ 1.35
10 bolts for.....12.50

Pattern "Barbara"



A high grade, solid weave metalline. Has a good body and makes a beautiful bow that keeps its shape. Colors: White, pink, blue, yellow, talisman, better times, nile green, picardy, orchid, lavender, purple, premier, autumn, red. Width, 4½ inches.

40-yard bolt. Each.....\$ 1.85
10 bolts for.....17.50

MALINE

Full 27-inch width. Just the thing for weddings. Colors: White, pink, yellow, light blue, aqua, nile green, better times, brown, orchid, eggshell.

Cut. Per yard.....25c
Bolt of approx. 30 yards. Per bolt.....\$7.00

DECORATIVE RIBBONS FOR POTTED PLANTS



Pattern "Swanky"

A beautiful pot tie with a lustrous finish. Colors: White, pink, blue, yellow, nile green, moss green, orchid, talisman, better times, red. Width, 7/8 inch.

50-yard bolt. Each.....60c
10 bolts for.....\$ 5.50
50 bolts for.....25.00



Pattern "Irene"

This good grade of pot tie has been our best seller for years. Colors: White, pink, blue, yellow, lavender, nile green, moss green, orchid, premier, butterfly, talisman, purple, autumn, picardy, better times, red, red and white. Width: 7/8 inch.

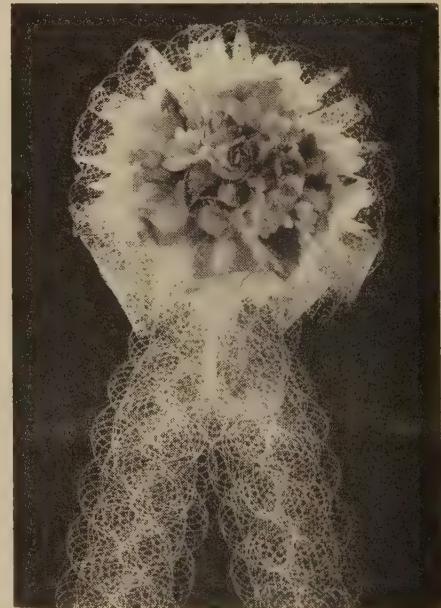
50-yard bolt. Each.....60c
10 bolts for.....\$ 5.50
50 bolts for.....25.00



Pattern "Sensation"

An excellent ribbon of good body. Wider than the usual pot tie, it makes a fine, full bow. Width 1 1/8 inch. Colors: White, pink, blue, yellow, nile green, moss green, better times, orchid, premier, talisman, fuchsia, columbia, butterfly, autumn, picardy, gardenia, yellow and nile, pink and green, pink and blue, red and green, red, red and white.

40-yd bolt. Each.....95c
10 bolts for.....\$9.00



A new type non-woven lace ribbon made by the makers of Scotch tape. Its delicate pattern and warm colors make it especially attractive for floral use. Lacelon ribbon is waterproof and can be stored in humid coolers for long periods without wilting, drooping or curling.

Colors: White, pink, light blue, royal blue, yellow, nile green, fuschia, orchid, Better times, Red.

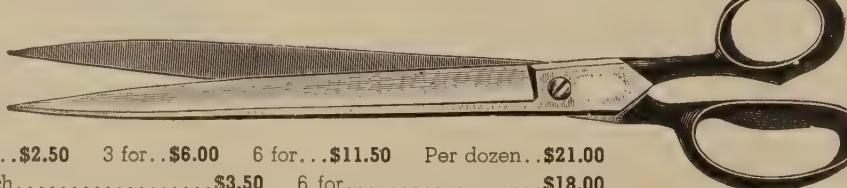
3-inch. Per 50-yd. bolt.....\$3.00
5-inch. Per 50-yd. bolt.....4.00

Attractive, Yet Inexpensive

RIBBON SHEARS

All nickel.

(9 inches overall.) Each.....\$2.50
3 for.....\$6.00
6 for.....\$11.50
Per dozen.....\$21.00
(10 inches overall.) Each.....\$3.50
6 for.....\$18.00



PRICES SUBJECT TO CHANGE WITHOUT NOTICE

RIBBONS OF DISTINCTION

SATIN RIBBON Pattern "Sunshine"



Finest quality cut-edge SATIN rayon. Colors same as Pattern "Debutante".

No. 40 width (2 3/4 inch). 20-yard bolt.....	\$ 1.20
10 bolts for.....	11.00
50-yard bolt.....	2.40
10 bolts for.....	23.50
No. 120 width (4 1/2 inch). 20-yard bolt.....	\$ 1.70
10 bolts for.....	16.00
50-yard bolt.....	3.70
10 bolts for.....	36.00

TAFFETA RIBBON

Water-repellent taffeta of excellent quality. Colors: White, pink, blue, nile green, orchid, lavender, better times, yellow, talisman. 50-yard bolts.

No. 40 width (2 3/4 inch). Each.....	\$ 2.40
10 bolts for.....	23.00
No. 120 width (4 1/2 inch). Each.....	\$ 3.70
10 bolts for.....	36.00

TINSEL RIBBONS



Pattern "Stardust"

A bright, lustrous creped tinsel, available in two widths. 50-yard bolts.

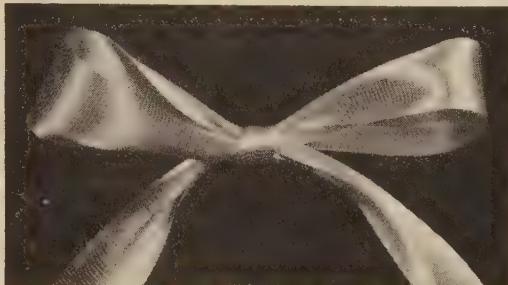
Silver. No. 2 width. Per bolt.....	\$1.10
No. 3 width. Per bolt.....	1.20
Gold. No. 2 width. Per bolt.....	\$1.15
No. 3 width. Per bolt.....	1.35

TWO-TONE TINSEL

Silver blended with pink, light blue, yellow, nile, moss, royal, or red.

No. 3 width. 50-yard bolt.....	\$1.50
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SATIN CORSAGE RIBBONS



Pattern "Debutante"

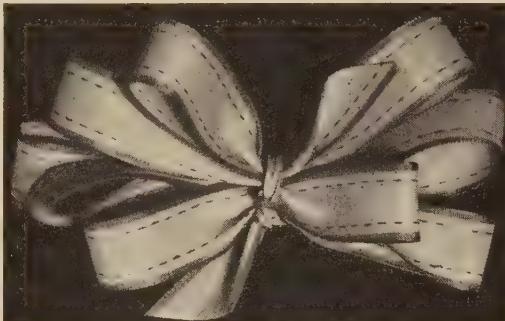
A beautiful No. 3 width, lustrous cut-edge SATIN rayon Ribbon used by many leading florists. Soft and beautiful yet firm enough to make a fine, graceful bow.

COLORS:

White	Aqua	Maize
Eggshell	Light Blue	Orange
Pink	Royal Blue	Talisman
Better Times	Nile Green	Black
Lavender	Moss Green	Brown
Fuchsia	Emerald Green	Gardenia
Purple	Chartreuse	Picardy
Red	Orchid	

50-yard bolt. Each..... 70c
10 bolts for..... \$6.50

CORSAGE RIBBON



Pattern "Sweetheart"

A saddle stitch ribbon of great beauty. Colors: White, pink, light blue, maize, nile, lavender, Joanna Hill, orchid, better times, white/valley, gardenia/white, chartreuse/brown, orchid/fuchsia, talisman/red.

Per 50-yd bolt..... \$1.50

TAFFETA CORSAGE RIBBON Pattern "Varsity"

Nice colored-edge taffeta corsage ribbon in No. 3 width. Colors: White, pink, yellow, blue, orchid, gardenia, valley, better times, talisman, red.

40-yard bolt. Each.....	85c
10 bolts for.....	\$7.50

SHOWER RIBBON Pattern "Suzanne"

No. 2 width. Colors: White, pink, blue, nile, maize, better times, aqua.

100-yard bolt. Each.....	95c
10 bolts for.....	\$9.00

FANCY NINON Pattern "Bright Future"



A lovely new Ninon Ribbon with two twin stripes of glittering silver tinsel. 2 1/4 inches wide. Colors: Pink, light blue, royal blue, nile green, maize, talisman, azalea, better times, orchid.

50-yard bolt. Each.....	\$ 3.00
10 bolts for.....	27.50

TRI-COLOR RIBBON Pattern "Yankee"

Red, white and blue striped—for American Legion, patriotic and national designs and bouquets.

No. 5 width (7/8 inch). 20-yard bolt.	
Each	\$1.25
50-yard bolt. Each.....	2.25
No. 40 width (2 3/4 inch). 40-yard bolt.	
Each	3.00
No. 120 width (4 1/2 inch). 40-yard bolt.	
Each	4.25

RIBBONZENE



The Standard Tying Ribbon

1/4" wide. Colors: White, pink, light blue, yellow, royal blue, green, orchid, red.	
500-yard spool. Each.....	\$ 1.15
10 spools for.....	10.50

FLEUR DE OMBRE RIBBON

A beutiful shimmering ribbon with color shading from light to dark. Should be seen to be appreciated. Firm body, makes beautiful bows.	
No. 2 width. 50-yard bolt.....	80c
No. 5 width. 50-yard bolt.....	\$1.50
No. 40 width. 50-yard bolt.....	4.50

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America's Leading Supply House

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1950 A. F. S. BLUEBOOK

The Complete Guide to All Horticultural Supplies



TERMS OF BUSINESS

Routing: Please give explicit shipping directions with each order, giving name of Freight, Express and Post Office stations. If no directions are given we will use our best judgment, but all goods travel at purchaser's risk.

Parcel Post: We will be pleased to send such items as can be mailed by Parcel Post; customers to remit for postage. We do not deliver any goods free at Wholesale Prices.

Disclaimer: The American Bulb Company and the American Florist Supply Company give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds (bulbs or plants) or florist supplies it sells and will not be responsible for the crop.

If the customer does not accept the goods on above terms he must return them at once, and money will be refunded or proper credit given. We exercise, however, the greatest care to fill our orders with the highest quality possible, as it is our constant aim to give our customers fullest satisfaction.

Cash Discounts: Cash with order only. 2% on Florist Supplies.

Otherwise, on bills for Florist Supplies, a discount of 2% for payment 10 days from date of bill may be deducted. Exception to the above is taken when goods are supplied under special quotation, in which case particular terms will be noted.

Prices: This list cancels all previous offers.

Unknown correspondents desiring to open an account will please furnish three references to parties in the trade with whom they have had credit relations, and sufficient time to investigate same; otherwise cash must accompany order.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance. We cannot arrange to send perishable stock C. O. D.

All goods are offered subject to crop failures, shortages or other causes beyond our control and to being unsold on receipt of order, and we reserve the right to advance prices without notice.

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S. and Possessions, Effective Jan. 1, 1949.		First pound or fraction	Each additional pound or fraction		POSTAGE—PLEASE NOTE! EXPRESS RATES have been substantially INCREASED. Be sure to INCLUDE POSTAGE with CASH ORDERS for small items, in order to obtain the LOWEST TRANSPORTATION COST.
			2 to 10 lbs.	11 to 70 lbs.	
Local—Chicago		11c	1c	0.75c	
First and Second Zones within 150 miles.....		12c	2.1c	2c	
Third Zone within 150 to 300 miles.....		13c	3c	2.8c	
Fourth Zone within 300 to 600 miles.....		14c	4.5c	4.25c	
Fifth Zone within 600 to 1000 miles.....		15c	6c	5.5c	
Sixth Zone within 1000 to 1400 miles.....		16c	7.5c	7.25c	
Seventh Zone within 1400 to 1800 miles.....		17c	9.5c	9.25c	
Eighth Zone all over 1800 miles.....		18c	11.5c	11.25c	
				Any overpayment will be promptly refunded.	
		If postage is OMITTED from your order, we will assume that you . . .		—Desire Shipment Sent Express Collect.	

AMERICAN FLORIST SUPPLY CO.

A DIVISION OF AMERICAN BULB CO.

1335 West Randolph Street
Chicago 7, Illinois

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HAymarket 1-6774

PEST and DISEASE CONTROL CHART

INSECT	CROP	CONTROL MEASURES	REMARKS	DISEASE	CROP	CONTROL MEASURES	REMARKS
Red Spider	Any	Parathion bomb, spray, or dust.	Parathion in the presence of sulfur causes leafdrop on roses.	Stunt	Chrysanthemum	Selection of stunt free plants.	In case it is a virus, keep insects under control to prevent spread.
		TEPP bombs or sprays.	TEPP kills adults only.	Chlorosis	Azalea Gardenia Hydrangea	Re-establish root action and apply iron sulfate at 1 oz. per 2 gal. Acid peat desirable in soil mixture.	May be caused by high pH, over-watering, root nematodes, symphylids.
		Sodium selenate on tolerant crops.	Carnations, mums, snapdragons, asters, cyclamen, and Saintpaulia.	Mosaic	Any	Destroy badly infected plants.	Sometimes called yellows. Spread by aphids and leafhoppers—keep them under control.
		Rotenone sprays.	Rotenone less effective than above and oil may cause damage.				
Thrips	Any, inside or outside	Parathion, benzene hexa chloride, DDT.	DDT and Parathion injure Kalanchoe.	Damping off	Any	Cuproicide.	Treat seeds. Dust infected areas to prevent spreading.
	Gladiolus Bulbs	5% DDT dust, corrosive sublimate, formaldehyde, Lysol.	Bulb disinfectants.			Steam sterilize soil mixture, or treat soil with Formacide.	
Aphids	Any	Parathion bomb, spray, or dust. TEPP bomb or spray. Benzene hexa chloride. Nicotine and soap spray or nicotine fumigation.		Black spot	Roses	1 lb. Fermate per 100 gal. with Santomerse S 1-2000; Fungtrogen.	Regular spraying necessary.
		DDT or Parathion.	Chlordane for ants.		Chrysanthemum Ivy	1 lb. Fermate or Zerlate per 100 gal. with Santomerse S 1-2000.	
Leaf roller Mum midge White fly Leafhopper Ants, Scale Tarnished plant bug	Any	Parathion bomb or spray. TEPP spray.	Repeated applications necessary.	Mildew	Calendula Chrysanthemum Hydrangea Rose Saintpaulia	Wettable sulfur sprays. Sulfur dusts. Greenol, Fungtrogen, Grape and Rose Dust.	Often bleaches flowers. PARATHION AND SULFUR MAY CAUSE DAMAGE.
			Use Santomerse 1-2000 as a spreader.				
Grasshoppers	Any	Chlordane.		Alternaria and Septoria blight	Carnation	1-2 lb. Fermate or Zerlate per 100 gal. with spreader every 2-3 wks. in houses, and every 7-10 days in field.	Avoid overhead spraying.
Slugs, snails, cutworms, sowbugs	Any	Snarol.		Rust	Aster Carnation Snapdragon	Fermate or Zerlate sprays. Sulphur dusts or sprays.	PARATHION AND SULFUR MAY CAUSE DAMAGE.
Leafminer and Foliar nematode	Chrysanthemum	Sodium selenate, nicotine 1-200 and soap, parathion dust.					
Rose midge and Strawberry root worm	Rose	DDT. Three sprays of wettable powder on plants, soil, and walks 12 days apart.	Pinch and destroy heavily infested shoots. Tobacco mulch not needed.	Root rot and Soft rot	Calla	1 lb. New Improved Ceresan to 50 gal. water. Soak 1 hour and plant. Formaldehyde 1-50 for 1 hour.	Steam sterilize pots and soil.
		Parathion.	Bomb not effective when pests are in the soil.				
Mite	Begonia Cyclamen Hydrangea Ivy Saintpaulia Snapdragon	Parathion bomb, spray or dust.	Several applications necessary.	Botrytis blight	Lily Snapdragon	Fermate or Zerlate sprays.	Avoid overhead spraying.
		TEPP sprays.	Avoid undue wetting of soil with spray.	Leafspot (bacterial and fungus)	Aster Azalea Begonia Carnation Chrysanthemum Cyclamen Gardenia Geranium Hydrangea Ivy	Fermate or Zerlate sprays. Avoid overhead spraying, give plenty of space and air.	Discard badly infected plants. On English ivy it is reported that keeping soil at pH 5.0 reduces leafspot.
		Sodium selenate.	Not safe on begonia, not effective on ivy.				
		Thiocide, nicotine and soap spray.	Regular spraying necessary.				
Root nematodes	Any	Steam sterilize soil and pots.					
		DD (not DDT).					

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